



CITY COUNCIL AGENDA MEMORANDUM

To: Mayor and City Council
 From: Charles Ozaki, City and County Manager
 Prepared by: William A. Tuthill III, City and County Attorney

Meeting Date	Agenda Category	Agenda Item #
January 10, 2017	Council Business	11(b)
Agenda Title:	1. Public Hearing on Proposed Ordinance No. 2038 2. Consideration of Proposed Ordinance No. 2038 Imposing a Temporary Moratorium on Oil and Gas Drilling, Hydraulic Fracturing, and the Processing of Certain Oil and Gas Related Applications – Second Reading	
Summary		
<ul style="list-style-type: none"> Broomfield's regulations for oil and gas land use applications and operations were updated in 2013. In recent years, the conduct of oil and gas drilling and production has evolved so that consolidated well sites, with larger numbers of wells, are becoming increasingly common. This style of operation may create different potential impacts that can legally be addressed by local governments. Broomfield has an interest in protecting and preserving the health, safety, and welfare of its citizens. At present, Broomfield does not have any regulations relating to potential fees to address the impact of large scale drilling and production operations on roads and traffic. This is an area in which local governments have the ability to regulate or impose impact fees. A moratorium of short duration will allow Broomfield staff time to review Broomfield's existing land use regulations and processes, including administrative approval by memorandum of understanding, to ascertain whether any changes to those regulations or processes should be recommended. Broomfield has conducted the pre-application review for the oil and gas well development proposed by Extraction Oil and Gas Inc., on the Sheridan pad site located at the northwest corner of the Northwest Parkway and Sheridan Boulevard. This is in anticipation of the submittal of a final plan for the Sheridan pad site. At Extraction's request, hearings regarding their spacing applications related to the Lowell and Sheridan drilling pad sites filed with the Colorado Oil and Gas Conservation Commission have been continued until March 2017. A summary of the updated proposal from Extraction Oil and Gas, Inc., regarding their proposed development of oil and gas wells at four sites in Broomfield is included as Attachment 1. This includes the Sheridan site. Extraction executives will summarize this proposal at the January 10 meeting. Comments received by the City and County of Broomfield regarding oil and gas operations are included as Attachment 2. Comments have been received via e-mail, social media, and from Broomfield's web site in response to requests from residents to submit items for consideration by the City Council at its 2017 Focus Session. Broomfield is organizing a facilitated community forum with participation by the Colorado Oil and Gas Conservation Commission, the Colorado Department of Public Health and Environment, and Extraction to provide an opportunity for the City Council and residents to obtain additional information and clarification regarding oil and gas development. This is expected to occur in late January or early February. Proposed Ordinance No. 2038 would temporarily halt any new oil and gas drilling, hydraulic fracturing, and processing of oil and gas development applications until June 13, 2017. 		
Prior Council Action		
<p>The City Council has adopted moratoriums in the past. One related to development along 144th Ave., during which time the City adopted the Transitional Overlay Area District regulations. A moratorium was also adopted in 2010 to allow the City to address the issue of medical marijuana.</p>		
Financial Considerations		
N/A		
Alternatives		
<ol style="list-style-type: none"> Amend the ordinance. Do not adopt the ordinance. Continue second reading to a later date to allow time for a community forum on oil and gas development. 		
Proposed Actions/Recommendations		
<p>Following and based upon the results of the public hearing, if Council wants to adopt the ordinance this evening the appropriate motion is...</p> <p style="text-align: center;">That Ordinance No. 2038 be adopted on second reading and ordered published by title.</p>		



Updated Broomfield Development Plan

Extraction Oil and Gas, Inc.

January 10th, 2017

A Denver-Based Operator with a Community Focus

EXTRACTION: WHO WE ARE

Denver-based Extraction Oil & Gas is a domestic energy company focusing on the exploration and production of oil and gas reserves in the Rocky Mountains. We are committed to, and have demonstrated, safe and responsible operations in the Greater Wattenberg Field of Colorado's Denver-Julesburg Basin.

Extraction Oil & Gas was created in December 2012 and assembled a strong technical team with years of experience in horizontal drilling and completion operations. Our growth strategy includes high-quality acreage acquisitions and forming strategic joint ventures with select operators in the Greater Wattenberg Field.

IPO Oct 2016



NASDAQ	Share Price	Market Cap
XOG	~\$20	~\$3B

Committed to our Community



Introduction: Lifecycle of a Well

Drilling:
4 – 10 Days per Well



Hydraulic Fracturing:
3 - 8 Days per Well

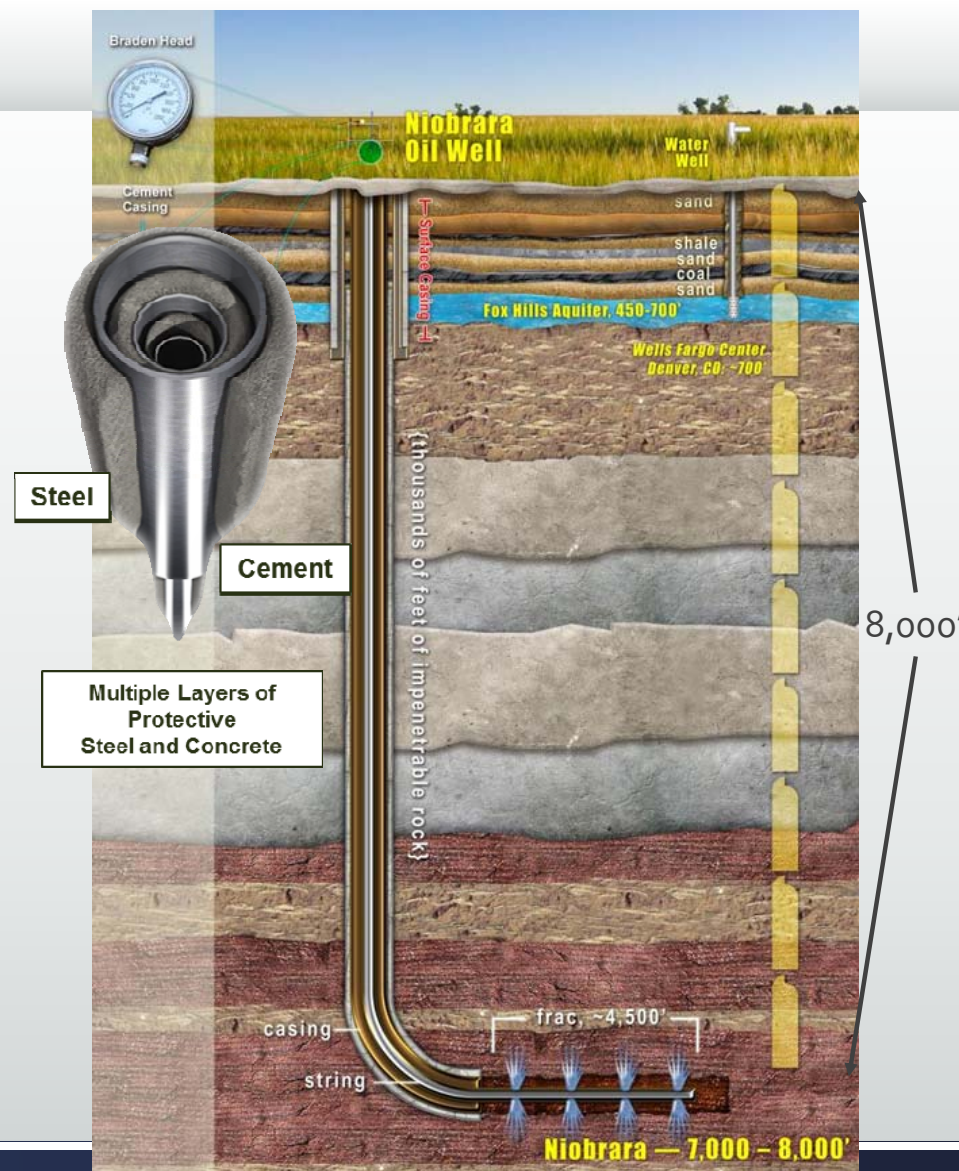


Production: 20+ Years
Land Reclaimed



Introduction: Protecting our Water

- No widespread or systemic water contamination along the Front Range
 - Across ~20,000 Vertical & 3,000 Horizontals
- Mother nature protects ground water from upward migration of hydrocarbons
 - Fracking occurs well over a mile below the groundwater sources and is separated by impervious rock
- Wellbore construction is key to mitigating groundwater contamination
 - Multiple Layers of steel casing and cement are installed to protect the groundwater source
 - Wellbores are tested routinely throughout the life of the well to ensure integrity
 - Wellbore construction is regulated by the COGCC



Broomfield Development Plan Overview

Development Plan – Minimizing Footprint

- Consolidate Locations, Install Pipelines, Eliminate Permanent Oil Tanks

Proposed Operation Timeline

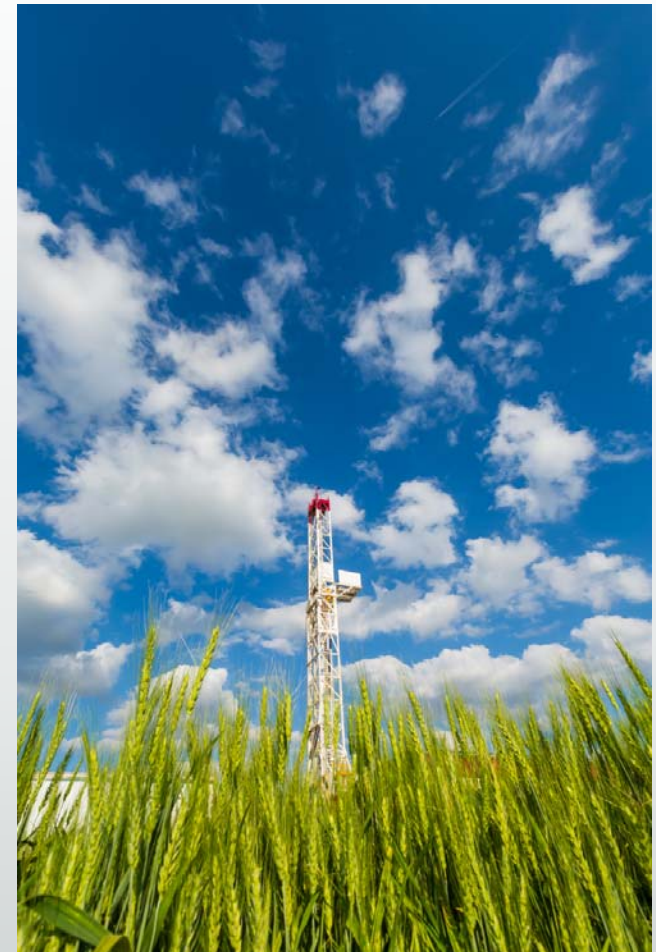
- Drill, Complete and Produce 139 New Wells

Best Management Practices

- Reduce or Eliminate Noise, Emissions, Traffic and Implement Exemplary Landscape Design

Exceeding Regulations and Standards

- Exceed MOU Standards, Deliver Best-in-Class Project

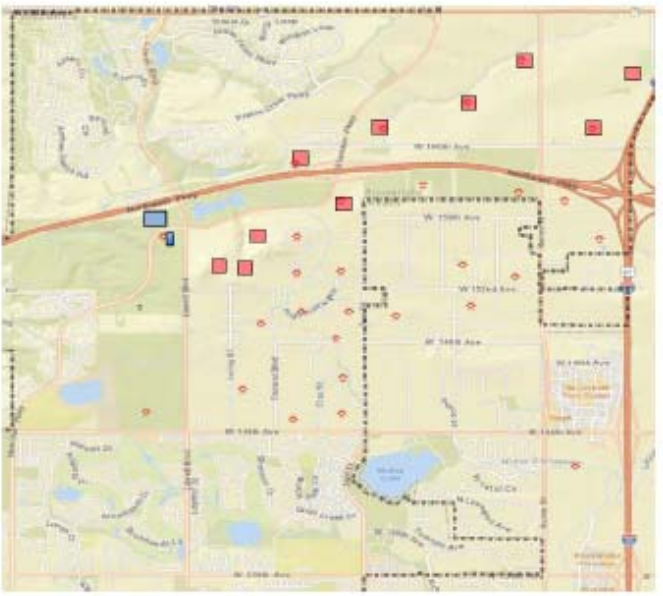


Evolution of Broomfield Development Plan up to January 2017

Pre-June 2016 Plan

Extraction acquired the opportunity to drill from 12 future well sites in Broomfield

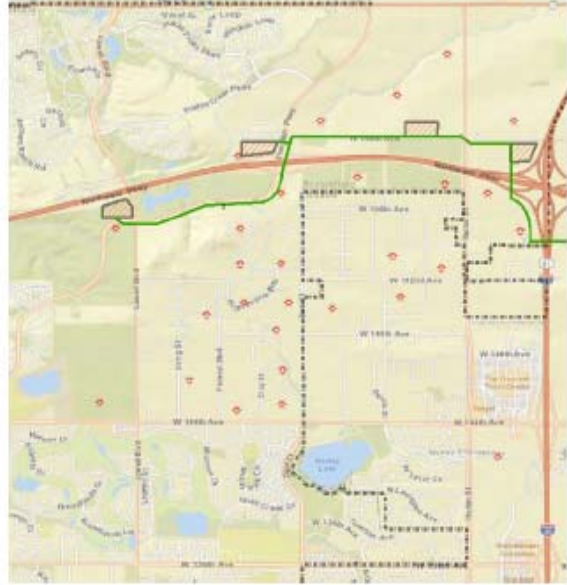
- 5 to 8 acres per site
- 4 to 8 wells per site (up to 13)
- 1 to 2 tanks per well
- Miles of new gas gathering pipeline



June 2016 Consolidated 4 Pads

How do we do this better?

- Four (4) Well Pads
 - 8 to 10 acres work area
 - Less than 8 acres when on production
- 1 to 2 acres of landscaping
- 3 to 4 mile of new pipe along existing pipeline corridor
- Deploying state-of-the-art technology
- Modern best management practices



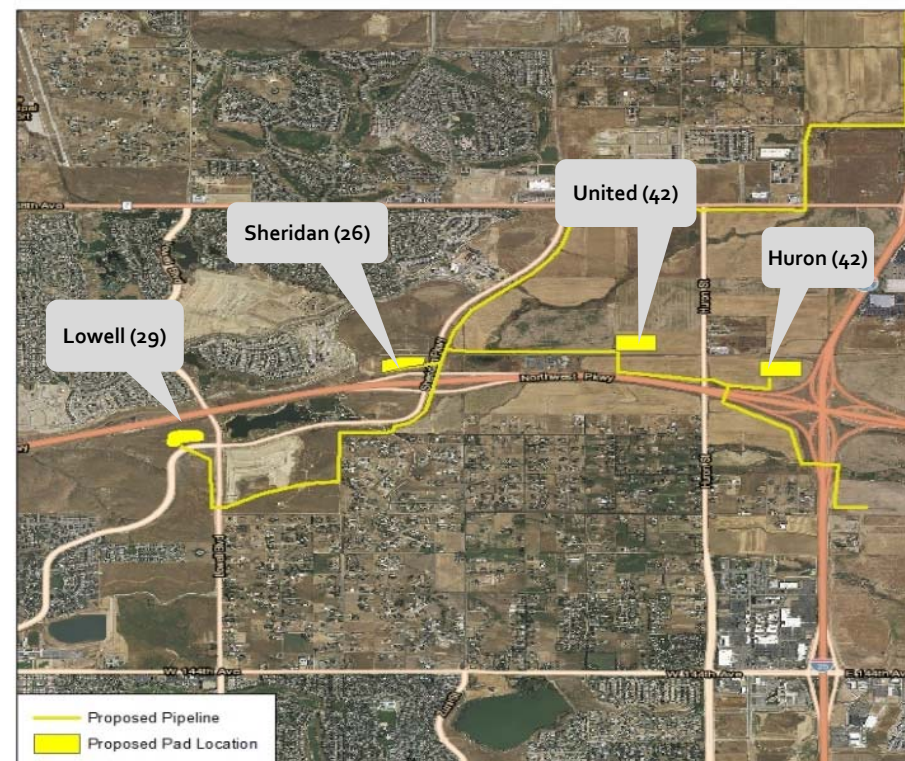
Slides presented at June 14th 2016 CCOB Public Study Session
 8 Combined community outreach events with Wildgrass and Anthem

Extraction's Updated January 2017 Plan

Significant Reduction on Lowell and Sheridan Well Count

Adjustment Considerations:

- Emphasis on shifting wells from West to East
- Capturing resources from alternative pads (from the North and West)
- Use of Extended Reach Laterals stretches spacing unit boundaries
- Utilize maximum technically possible drilling reach

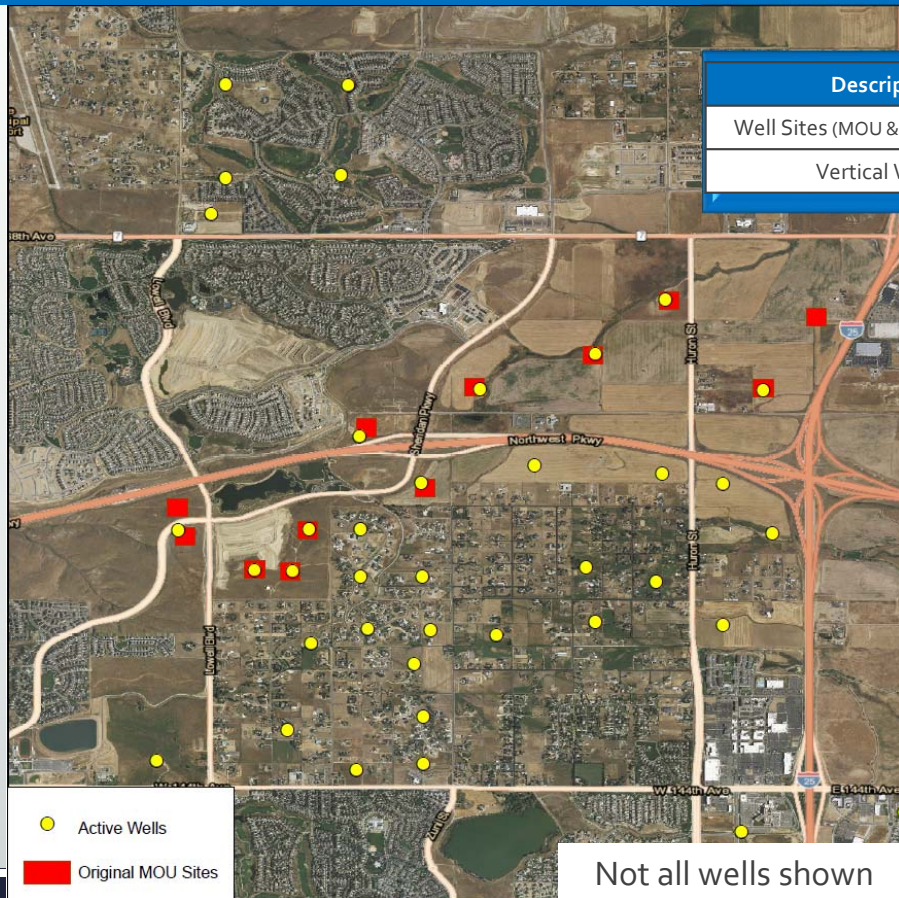


Pad Locations	June 2016 Consolidated	New Plan January 2017
Lowell	40	29
Sheridan	40	26
United	40	42
Huron	20	42
Total Wells	140	139

Adjusted Well and Pad Counts

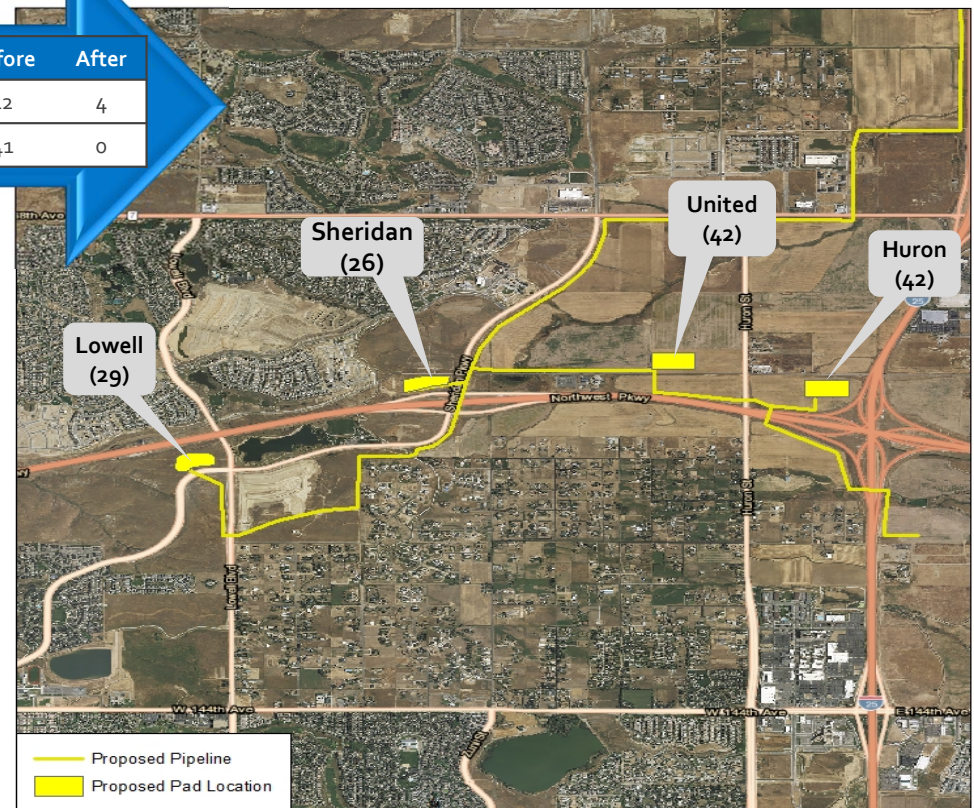
Total reduction of well sites from 43 to 4

June 2016 Consolidated showing Vertical Wells



Description	Before	After
Well Sites (MOU & USR)	12	4
Vertical Wells	41	0

New Plan January 2017



Extraction: Committed to removing 41 Wells

41 vertical wells and 76 tanks throughout Broomfield to be removed; Total ~ 33 Acres reclaimed

Legacy Site



Ward 3

- 1 Well*
- 3 Tanks
- 1 Acre

Ward 4

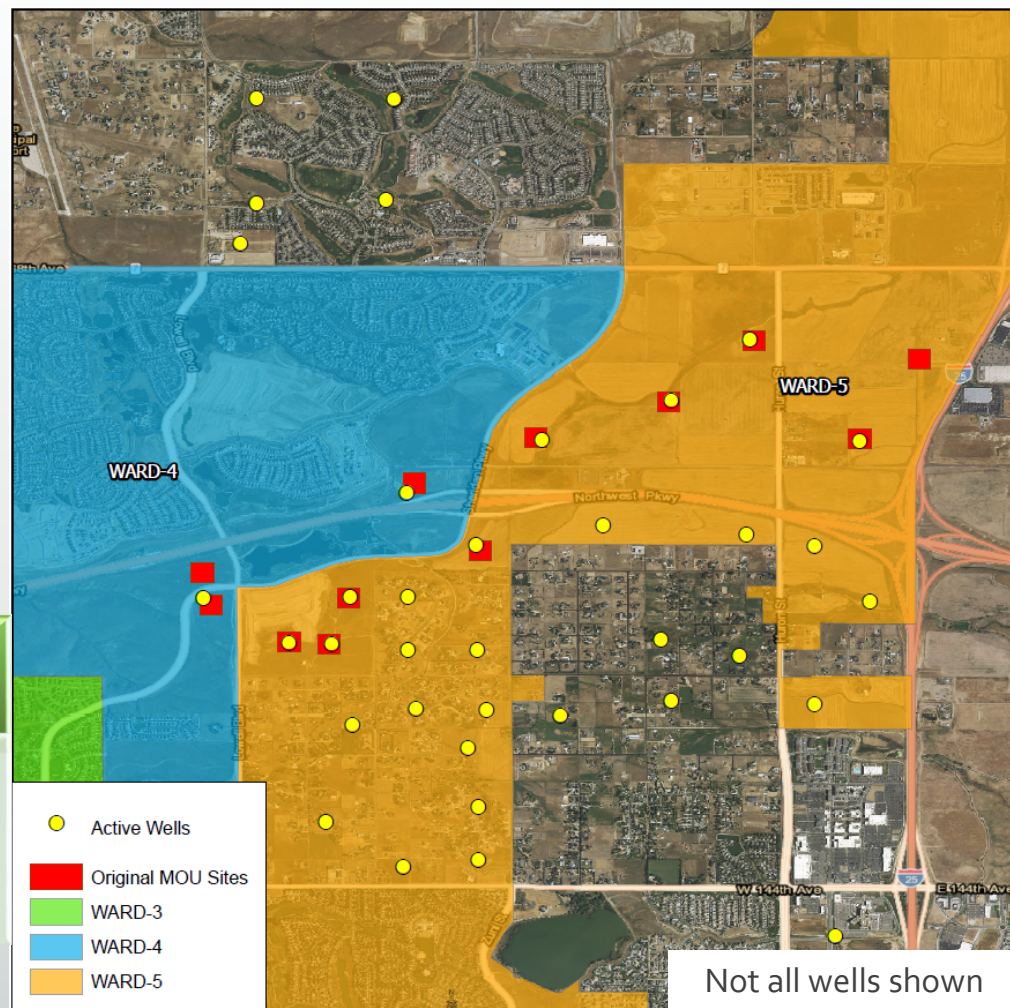
- 3 Wells
- 7 Tanks
- 4 Acres

Ward 5

- 21 Wells
- 36 Tanks
- 12 Acres

Greater Area

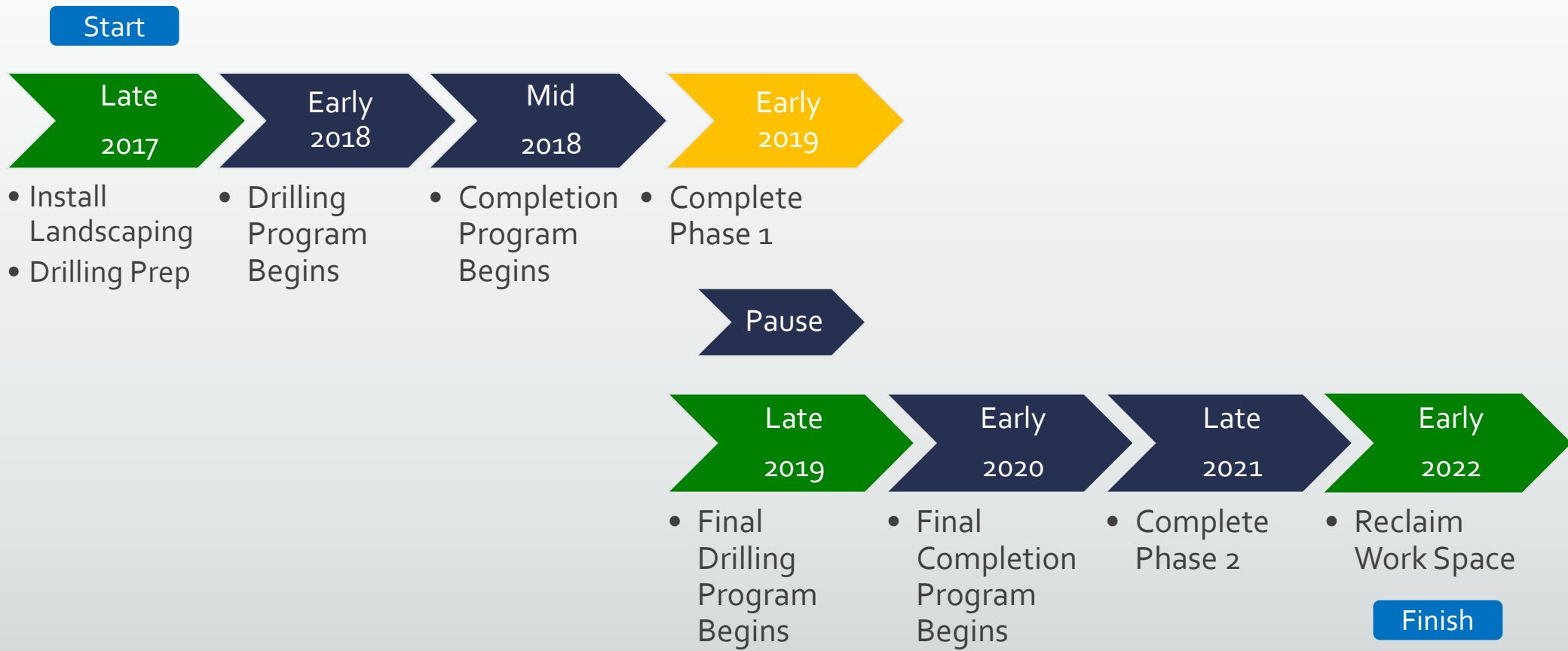
- 16 Wells
- 30 Tanks
- 16 Acres



*Carlson Well near Aspen Creek School being evaluated

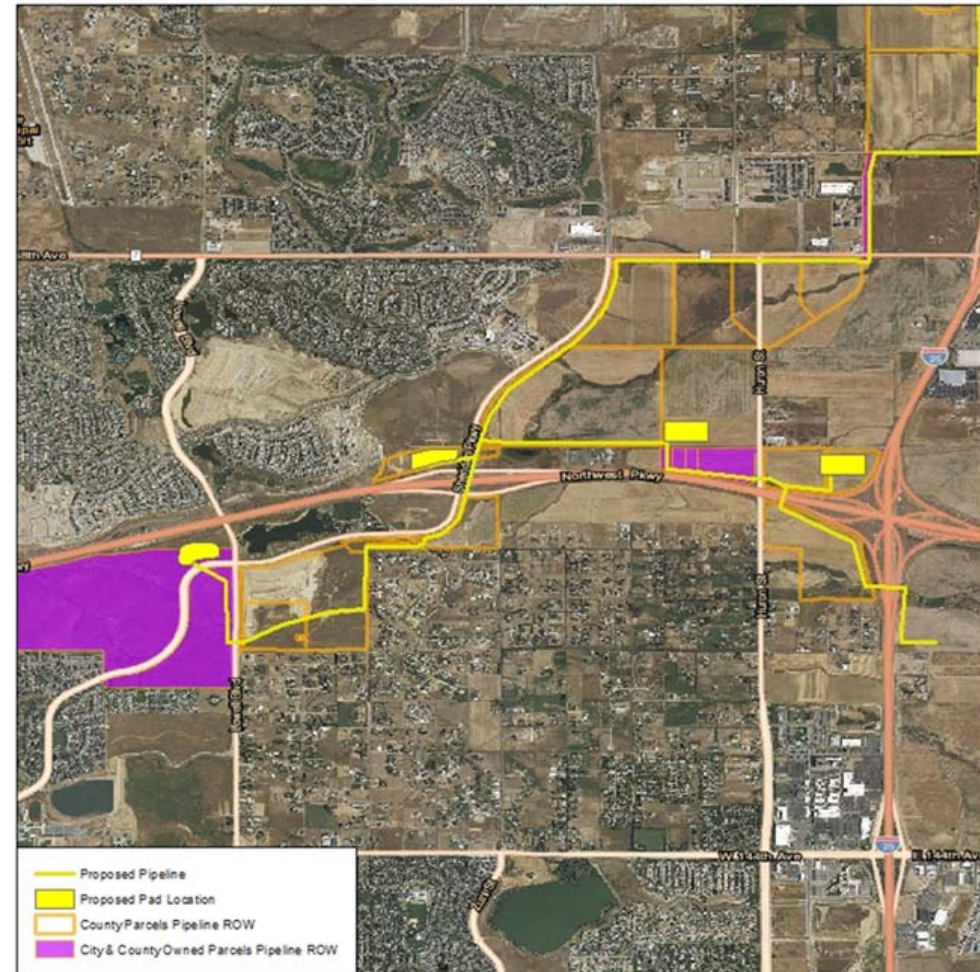
Updated Development Timeline: Phased approach working West to East

Anticipated Drilling, Completion and First Production Schedule; Total 4 to 5 years



Right-of-Way (ROW) to Support Pipelines

- Extraction Requests approval of all City ROW segments and easements to allow for pipeline infrastructure (see map)
- ROW Supports Best Management Practices:
 - Removal of Oil Production Tanks
 - Significant Reduction of Truck Traffic
 - Closed-loop System
 - Dramatic Reduction of Air Emissions



Best Management Practices

Exceeding Both Regulations and MOU: Committed to Becoming Operator of Choice with Communities

Environmental Stewardship

Reduce Emissions

- Eliminate Tanks Using State-of-the-Art Pipelines
- Facilities Designed to Capture 99.9% of all Emissions
- Install Vapor Recover Units
- Deploy Thermal Imaging Camera to Perform Advanced LDAR (Leak Detection & Repair) Program

Groundwater Protection

- Multiple Layers of Cement and Steel to Ensure Groundwater Protection
- Water Well Sampling Program, Before and After Completion Process



Best Management Practices

Exceeding Both Regulations and MOU: Committed to Becoming Operator of Choice with Communities

Safety – People and Process



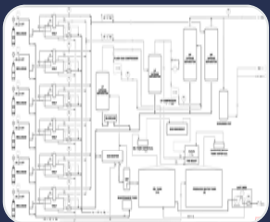
Trained Operations Personnel

- Experienced and Professional Staff
- Comprehensive Response Plan
- Local Fire District Coordination



Remote Facility Monitoring and Control

- Robust and automated Safety Protective System Design
- Preprogrammed Automatic Shutdowns
- Real-time Alerts
- Real-time Data Analysis and Response



Rigorous Engineering Design

- Professionally Engineered Facility Designs
- Robust, Tested and Proven Design
- Modular Prefabricated Design Focus Eliminates Leaks, Drips, Emissions



Best Management Practices

Exceeding Both Regulations and MOU: Committed to Becoming Operator of Choice with Communities

Noise and Traffic

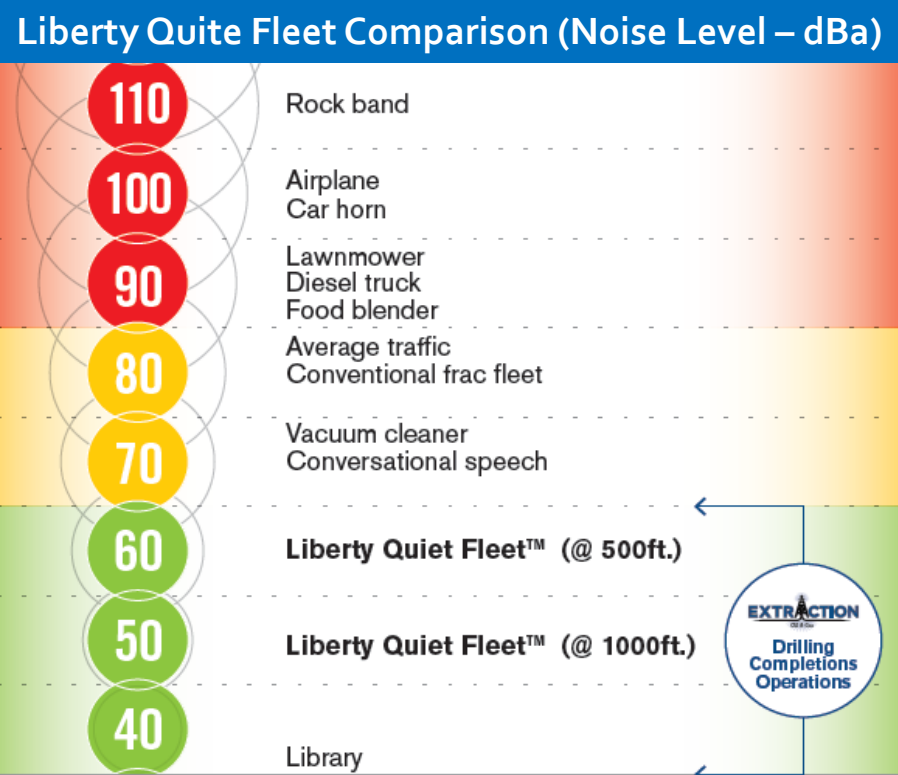
Noise Reduction

- Electric-Powered Drilling Rig
- Quiet Completion Fleet
- Electric-Powered Facility
- Sound Walls, Landscaping & Berms

Traffic Reduction using Pipelines

- During Completion Phase:
 - Eliminate 4,800 trips
- During Production Phase:
 - Reduce traffic by average of 79% per day

* Assumes all pipeline right-of-ways obtained



- Sound Walls - <http://tinyurl.com/z9ntfct>
- Liberty Quiet Fleet™ - <http://tinyurl.com/hjn54x3>
- Continuous Monitoring - <http://tinyurl.com/hjn54x3>

Best Management Practices

Pipelines Significantly Reduce Trucking

No Significant Traffic Impacts

Pipelines Reduce Traffic and Trucks

- 100% of Freshwater Piped
- 99% of Oil Piped

Traffic Best Management Practices

- Stage Trips to Avoid Peak Traffic Times (A.M. / P.M.)
- Monitor Local Events and Adjust Operations

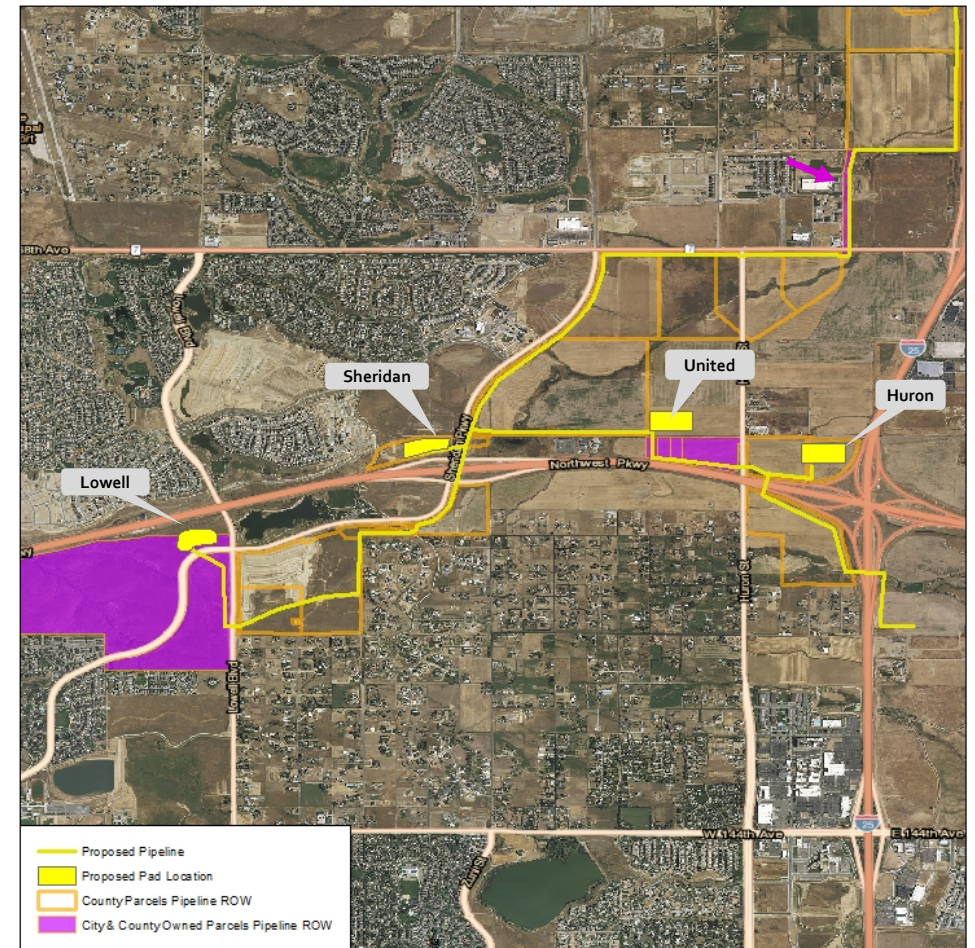
Traffic Impact Study

- No significant impact
- Less than 2% Increase in Most Segments; all Temporarily

Traffic Safety Conclusions

- Proposed Increase in Traffic is Temporary, Nominal and Poses no Safety Concerns

* Assumes all pipeline right-of-ways obtained



Compliance with Regulations and Standards

Colorado oil and gas regulations are the most stringent in the nation

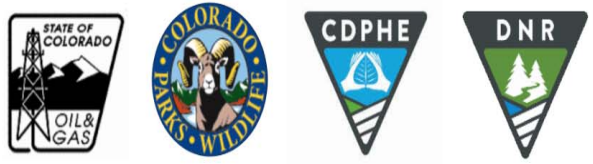
Extraction BMPs go Above and Beyond Regulations and Standards

- Planning and Permitting
- Community Engagement
- Wildlife and Cultural Assessments
- Air and Water Protection
- Well, Facility and Pipeline Design, Operations and Maintenance
- Reclamation
- Inspections and Monitoring
- Compliance Enforcement and Penalties

Oil and Gas Industry Standards



State Agencies



Federal Agencies



Home Values

Studies Range from Nominal to No Impact

“Get In, Be Safe, Get Out”

Colorado State University Studies

- Less than 1% Decrease During Drilling Possible
- No Impact once Development Ends

New York Study

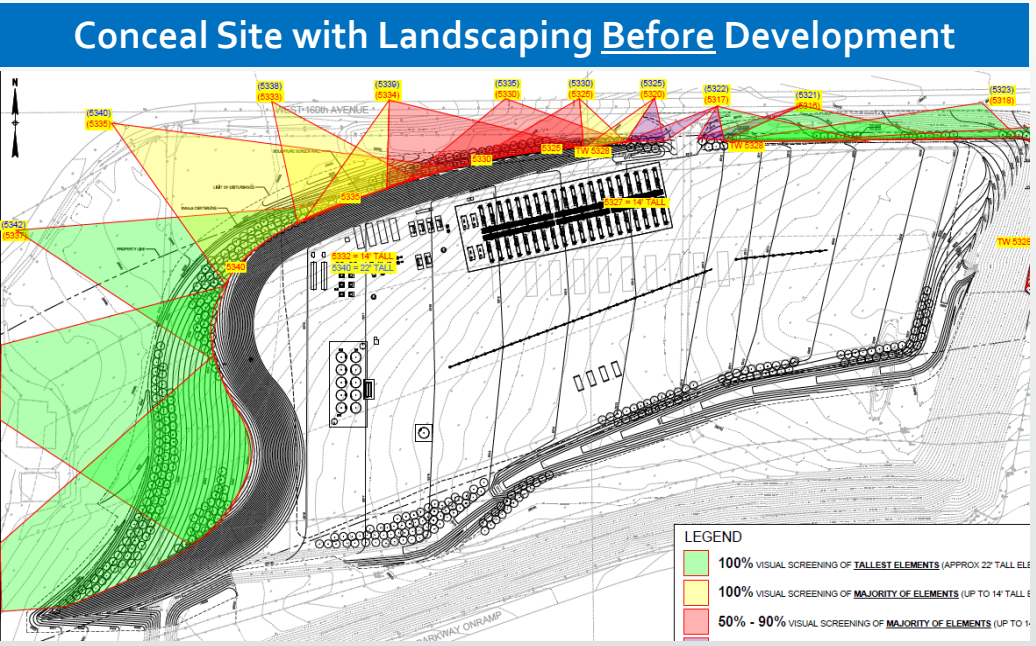
- Overall Regional Effect of Increasing Property Values

Integra Realty Resources Study

- Effect dissipates at around 1,000 feet
- “In most cases, there was little or no relation between well sites and property values”

Ballotpedia

- No impact on home values





Conceptual Grading of Lowell Well Site

SHERIDAN PARKWAY

LOWELL BOULEVARD

Mission Statement

Safely and efficiently produce natural resources in a manner that is compatible with the community, minimizes impact and is beneficial to Broomfield and Colorado citizens.

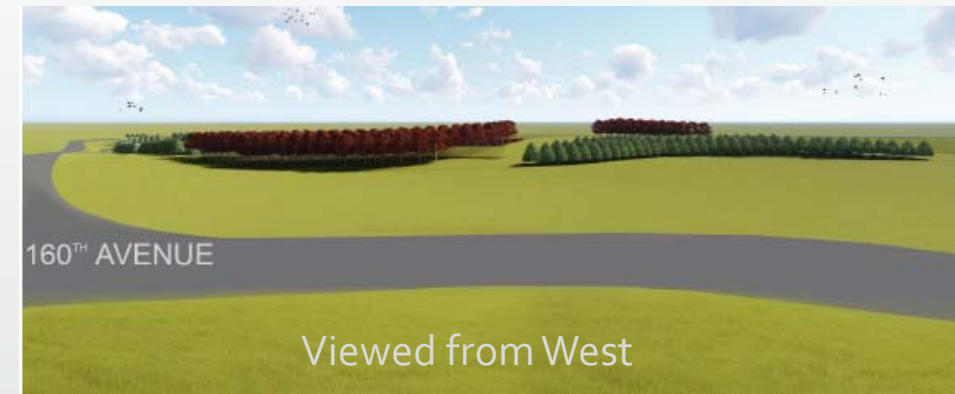
Exceeding Both Regulations and the MOU: Committed to Becoming Operator of Choice with Communities

Exemplary Landscape Design

Conceal Locations & Operations Using Landscaping

Sheridan Well Pad

Lowell Well Pad



Pictures of Recent Extraction Landscaped Well Sites

Outside Well Site



Inside Well Site



Addressing Community Concerns

Extraction is exceeding standards in the Broomfield Memorandum of Understanding (MOU), as well as implementing additional best practices to mitigate any inconveniences to our local community.

Environmental	Safety	Noise	Traffic	Home Values
<ul style="list-style-type: none"> • Colorado has strictest air regulations in U.S. • EPA Natural Gas Star Program • Eliminate Oil Tanks and Venting • Install Oil, Gas and Water Pipelines 	<ul style="list-style-type: none"> • Eliminate Oil Tanks • Eliminate/Reduce Traffic • Use Pipelines • 24-hour Monitoring • Trained and Experienced Operators • Fully-Automated and Engineered Safety Systems 	<ul style="list-style-type: none"> • Multi-Layered BMPS • Electric Drill Rigs • Liberty Quiet Fleet™ • Sound Walls • Engineered and Designed Landscaping • Electric Powered Equipment 	<ul style="list-style-type: none"> • Traffic Safety Study • Avoid Peak Traffic during Peak Hours on Major Roads • Install Oil, Gas and Water Pipelines • Use Canals, Temporary Hoses and Pumps to Deliver Freshwater 	<ul style="list-style-type: none"> • Install Landscaping <u>before</u> Development • Moved Locations Away from Homes • Install State-of-the-Art Oil, Gas and Water Pipelines • Deploy Maximum BMPs to 100% of Locations

Summary

Delivering 139 new wells within 4-5 years, adding economic value to Broomfield and Colorado

Plugging and Reclaiming Legacy Vertical Wells – Leave No Trace

Installing Exemplary Landscaping to Conceal Sites – Protecting Quality of Life

Reducing and Eliminating Oil Tanks – Reducing Emissions

Operating Safely – Commitment to Employees and Community

Robust Design, Operations, and Maintenance – Operator of Choice

Minimizing and Reducing Noise, Dust and Traffic – Minimizing Impacts

Severance and Local Taxes Approximately \$180,000,000

Mission Statement

Safely and efficiently produce natural resources in a manner that is compatible with the community, minimizes impact and is beneficial to Broomfield and Colorado citizens.

Broomfield by the Numbers

Pre-May 2016 Dev Plan compared to New 2017 Plan

Pre-May 2016 Dev Plan

- 12 Pads
- 60 Acres Disturbed
- 156 New Wells
- ~ 300 New Oil Tanks
- 41 Vertical Wells
- 76 Legacy Tanks
- 33 Legacy Acres Disturbed



June 2016 Consolidation Plan

- 4 Pads
- ~40 Acres w/
landscaping
- 140 New Wells
- 40 New Oil Tanks
- Zero Vertical Wells
- Zero Legacy Tanks
- 33 Acres Reclaimed



New 2017 Plan

- 4 Pads
- ~40 Acres w/
landscaping
- 139 New Wells*
- Zero Oil Tanks
- Zero Vertical Wells
- Zero Legacy Tanks
- 33 Acres Reclaimed

*~35% Well Count reduction
at Lowell/Sheridan

Proposed Next Steps

- Council does Not enact a Moratorium
- Supplement existing USR, MOUs to reflect New Plan and BMPs
- Approval of all City ROW segments and easements to allow for pipeline infrastructure
- Continued close collaboration and communication with Council and community throughout planning and execution processes
- Targeting to install landscaping and commence operations by end of 2017



BROOMFIELD GOOGLE APPS

Eileen Albrecht <ealbrecht@broomfield.org>

All for the oil and gas development

1 message

Nygaard, Ryan D <Ryan.Nygaard@nov.com>

Thu, Jan 5, 2017 at 1:46 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Hi,

I live in Wildgrass and **I'm all for the development plan by Extraction.** I do not believe in the fear tactics some people are using against the industry. A lot of people are not educated on how oil and gas works and also take for granted the benefits they enjoy from oil and gas.

Ryan

Ryan Nygaard | Regional Manager - Rockies

NOV Completion & Production Solutions

Pressure Performance Systems

Suite 915, 216 16th Street | Denver, CO 80202

T 303.573.6827

M **720.369.8001**

E ryan.nygaard@nov.com

nov.com/PPS

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Eileen Albrecht <ealbrecht@broomfield.org>

Stop fracking!

1 message

Veronica Harris <vharris0406@gmail.com>
To: council@broomfieldcitycouncil.org

Thu, Jan 5, 2017 at 10:43 AM

Broomfield council members,
Please stop fracking and any oil and gas exploration few feet away from our neighborhoods, schools, and water reservoir. Protect your citizens well being!

Thanks

Veronica and Nigel Harris
14671 Sorrel Run

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

Comprehensive Planning for Oil and Gas activities in Broomfield

1 message

Patrick Quinn <pquinn@quinnpcpa.com>

Wed, Jan 4, 2017 at 8:03 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Cc: "Charles Ozaki (COZAKI@ci.broomfield.co.us)" <COZAKI@ci.broomfield.co.us>, "Kevin Standbridge (KSTANDbridge@ci.broomfield.co.us)" <KSTANDbridge@ci.broomfield.co.us>, "Jennifer Hoffman (JHoffman@ci.broomfield.co.us)" <JHoffman@ci.broomfield.co.us>, Bill Tuthill <btuthill@broomfield.org>

Mayor and City Council:

At the Mayor and Mayor Pro Tem's request I formally submitted on January 3rd, a recommendation that the City and County of Broomfield ("Broomfield" or the "City") begin the process of amending the Comprehensive Plan 2016 Update (the "Plan") by adding future drilling and other oil and gas activities to the Plan. This email provides the background to such request and provides specifics for such recommendation.

BACKGROUND MORATORIUM AND MEMORANDUM OF UNDERSTANDING

During my final year as Mayor, the City Council was consumed by a request for the approval of drill sites to be operated by Sovereign Operating Company, LLC ("Sovereign"). Broomfield negotiated a 2013 Memorandum of Understanding ("MOU") which among other things required the adoption by Sovereign of industry best practices and allowed for the drilling of 21 wells on ten different sites.

The negotiation of the MOU was not enough to calm the concerns of Broomfield residents and in November 2013 the voters narrowly passed a 5 year moratorium on oil and gas drilling, which was subsequently overturned by the Courts.

Sovereign has now sold all of its oil and gas rights to Extraction Oil & Gas, Inc. ("Extraction").

GOVERNOR'S OIL AND GAS TASK FORCE

In response to the continuing conflict in Colorado between residential and other development and oil and gas drilling activities, on September 8, 2014 Governor John W. Hickenlooper formed the Task Force on State and Local Regulation of Oil and Gas Operations (the "Task Force").

I was appointed to the Task Force, along with 20 others. Membership including executives from numerous oil and gas companies with Colorado activities, members representing local governments and the conservation community, a former Speaker of the House and a former Chief Justice of the Supreme Court.

A recommendation, to be approved by the Task Force, required 2/3rd majority. This meant that a recommendation could not be adopted without the consent of the oil and gas industry.

My main objective as a member of the Task Force was to have the Colorado Oil & Gas Conversation Commission ("COGCC") pass rules to allow for local governments to include future oil and gas drilling in their Comprehensive Planning processes and Plans.

For many of the meetings I carried a large version of the Broomfield Plan Map (example attached) and pointed out to the Industry Task Force Members that Broomfield and other jurisdictions had developed Comprehensive Plans for their communities without planning for a single additional oil and gas well. Even though Broomfield, and the COGCC knew that numerous additional wells were being planned for our communities.

After considerable discussion, the Task Force unanimously adopted a very watered down Recommendation 20 which I sponsored. On February 1, 2016 the COGCC adopted Recommendation 20 which includes registration of oil and gas operators with local jurisdictions, and at the request of the jurisdiction providing local jurisdictions the "operator's current business plan . . . a good faith estimate of the number of wells the operator intends to drill in the next five years. . . and a map showing the location within the local jurisdiction of an operator's existing well sites and related production facilities; sites for which the operator has . . . approved drilling and spacing orders and, **sites the operator has identified for development on its current drilling schedule.**"

Clearly the industry understood my point, a city's comprehensive planning should include future oil and gas drilling and producing activities. The version was watered down due to Industry concerns over its implementation by counties that might have a hidden agenda.

MASTER PLAN UPDATE AND RECOMMENDATION 20

Last April I sent an email to the Broomfield staff and the Mayor and City Council, see attached recommending that they request from Operators in Broomfield the information required by Recommendation 20.

At that time the City was updating its Plan and it seemed critical to me that Broomfield consider future oil and gas wells as part of its 2016 Comprehensive Plan update. These were the exact circumstances for which Recommendation 20 was adopted.

However, Broomfield chose not to do this.

EXTRACTION OIL AND GAS

The 21 wells on ten different sites approved by Council in 2013 has now morphed into over 100 wells on 4 sites which has reignited the oil and gas conflict in Broomfield.

As you may know Extraction had an Initial Public Offering this year and in examining its SEC form S1, you can determine that Extraction is well aware of Recommendation 20 and that Extraction has identified 3,510 gross identified drilling locations in the Wattenberg which obviously includes Broomfield (see attached). In addition, Extraction has provided a Guidance Presentation for its existing and potential investors which includes numerous maps showing identified drilling locations. Look at page three of this attachment which shows numerous locations in Broomfield and adjacent to Broomfield.

Yesterday, as I was writing this I was informed that Extraction responded to a request from Erika Delaney Lew that it's five year plan includes the drilling of 171 wells. To my knowledge, none of these future wells were contemplated in the

Plan. I assume that 171 wells is based on current 12/31/2015 oil and gas pricing which was below \$40 per barrel. Today the price has increased to over \$50 and the number of "proved" wells may have increased.

In addition, we don't necessarily know if there may be additional operators, if the price continues to rise, whose wells become economic and they then plan to drill in the next five years as well.

If the Council decides to agree to my request then it is important that updating the Plan be on a comprehensive basis, so to speak. That is we attempt to identify the maximum number of wells for all operators.

FOCUS SESSION REQUEST

I am proposing herein a formal proposal that the City Council adopt as a priority for its goals in 2017 the update of Broomfield's Comprehensive plan ("Plan Update 2017").

It is my understanding that Council has unanimously approved on first reading a proposed 6 month oil and gas drilling moratorium which it will consider for final approval on January 10th. It is not clear to me what the Council plans to do during this six month period.

This is the reason I am requesting that during the moratorium Broomfield works to amend the Comprehensive Plan to provide for oil and gas drilling activities for the next five years.

The steps I recommend the City take are as follows:

- 1. Pass the Moratorium:** With the explicit goal that this is being done in order to complete the Plan Update 2017.
- 2. Request from Registered Operators:** As allowed by Recommendation 20 request the business plan information and maps from each of the registered operators for the next five years.
- 3. Request for Maximum Possible Wells:** Also inquire of the operators, if the price of oil, increases to \$70 (or another agreed upon price) would that increase the wells to be drilled in the next five years. And if so, how many.
- 4. Search for Unregistered Operators:** Looking at Broomfield land records, identify other owners of oil and gas leases within Broomfield and notify them that this process is going on. I suspect there may be other operators that might drill in Broomfield in the next five years if the price of oil increases. Notify those operators of the Plan Update 2017
- 5. Engage a Third Party Engineer:** Similar to what City Council did in 2013, engage an independent engineer to assist in the review of the drilling, site plans and other information provided by the Operators, allowing Council to independently verify the reasonableness of some of the assumptions used by the operators. This engineer can work with the Operators to identify alternative plans.
- 6. Search for Drilling Sites:** Review the current Comprehensive Plan maps to identify "drilling islands" that can be used for the extraction of the oil and gas minerals. Obviously, sites controlled by the operators would have preference, but that is not necessarily the entire goal. This would be an iterative process with the operators. This process would involve Broomfield's Planning group, the Consulting Engineer and staff for the Operators. If there are multiple operators, Broomfield may want to request shared pads.
- 7. Hold Public Hearings:** Once we have a tentative agreement with the operators and have identified "acceptable" drilling islands, hold public hearings letting the public know the process, the conclusion and getting their input before finalization.

8. **Legislative or COGCC Support:** To my knowledge no one has attempted this process before and Broomfield will clearly be at the forefront of planning for oil and gas operations in urban areas. I had proposed more substantive support from COGCC in my initial Recommendation 20 proposal, allowing for forced pooling, shared pads, etc. I had always hoped that if a City like Broomfield started down this path, then the support we need from COGCC or the legislature might become obvious and bipartisan.

All of these steps are proposed, but it seemed important to me that we start with a level of specificity so that Extraction and the public know that the moratorium is for a good reason. I suspect we may be able to get buy in from Extraction, other operators, and potentially COGA.

This process may not work, but if it does it could serve as a model for Colorado and urban areas across the country.

OFFER TO SERVE:

I have dedicated considerable time, as Mayor and on the Task Force, to finding resolutions to the oil and gas conflicts occurring across Colorado. I have a good relationship with the oil and gas industry and with many members of the anti-fracking community.

As a Controller, CFO and CPA I have worked with numerous oil and gas companies over the last 40 years. I worked with public companies and I am very familiar with the SEC rules for proved oil and gas reserves to be included in public filings. I know the type of support that must exist for the statements made by Extraction and other public companies.

Please consider this to be my offer to assist in the process outlined above and as modified by the Mayor and City Council.

Please do not hesitate to contact me with any questions.

Patrick A Quinn, CPA

303-623-1580

4 attachments

 **Plan Map.pdf**
6184K

 **City Council email 04212016 Planning for Oil and Gas Operations.pdf**
39K

 **Extraction S1.pdf**
1583K

 **Extraction and CCOB Maps .pdf**
5511K



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking near Anthem

1 message

'Claire Brunet' via council <council@broomfieldcitycouncil.org>

Tue, Jan 3, 2017 at 8:10 PM

Reply-To: Claire Brunet <claireschimke@yahoo.com>

To: council@broomfieldcitycouncil.org

Dear Mayor and City Council Members,

I am a resident of McKay Landing and am very concerned about the number of wells/well pads proposed for the north side of Broomfield. Though my proximity to the well pads is not nearly as close as some, I think environmental damage could be a problem for many outside the traditional setbacks. We can't decide on the direction the wind blows if there is a leak or a fire. It could affect people in all different directions.

Additionally, I recall during the severe flooding several years ago, numerous wells in Weld County leaked but nothing could be done to resolve those issues because resources were pulled in so many directions. If there is a flood or a tornado or a technical problem, I don't feel any reassurance the oil and gas company would protect us and toxins could easily go throughout many residential neighborhoods.

I think fracking on a small scale in residential areas might be reasonable but the scope of these projects is way too big and dangerous. Please do anything in your power to stop these plans from going forward.

Thank you,

Claire Brunet



Eileen Albrecht <ealbrecht@broomfield.org>

Serious concerns regarding Extraction Oil and Gas plan

1 message

Mike Win <mikewyn@gmail.com>

Tue, Jan 3, 2017 at 2:46 PM

To: rahrens@broomfieldcitycouncil.org, Elaw-evans@broomfieldcitycouncil.org, sjezierski@broomfieldcitycouncil.org, mshelton@broomfieldcitycouncil.org, stessier@broomfieldcitycouncil.org, berickson@broomfieldcitycouncil.org, staylor@broomfieldcitycouncil.org, kkreeger@broomfieldcitycouncil.org, gstokes@broomfieldcitycouncil.org, dbeacom@broomfieldcitycouncil.org, mderda@broomfieldcitycouncil.org, manager@broomfield.org, kstandbridge@broomfield.org, jbecklenberg@broomfield.org, jhoffman@broomfield.org
Cc: Mike Wyn <MikeWyn@gmail.com>

Jan 3, 2017

My name is Michael Wyn. I am an engineer and a former teacher of Engineering at Long Beach State University, California. My fiancée, Dr. Nancy Stebbins and I have put the down payment for an Anthem Ranch home being built now to be completed in July 2017.

We have learned recently more details and become much concerned about the arrangement of Extraction Oil and Gas company horizontal drilling plan in Broomfield and of the increasingly complex and confusing contractual permits and agreements.

Our understanding was that Extraction Oil and Gas initially applied for and received the Memorandum of Understanding to drill only 24 wells on four pads, Lowell, Sheridan, United and Huron. Now they plan to drill more than six times the original number of horizontal wells in this densely-populated residential area and near water reservoir, and schools. We are alarmed by the much larger number of trucks driving in and out the drilling sites, the increase risks of industrial and traffic accidents and the decrease of property value and quality of life to Broomfield residents.

From my professional experience, the quantitative increase of components will translate qualitatively into non-linear increase in complexity, connectivity and risk of system failure to perform as designed. The six or more folds increase of drill sites will require a more complex pipeline subsystem to route the extracted fossil fuels to receiving stations. This in turn will require much more responsive, complicated organizational and physical safeguard against accidental or otherwise incidents. The meager insurance polity Extraction Oil and Gas carries is plainly inadequate for the scope and plan of activities.

In business, a contract shall be voided if there was omission, intentionally or not or the bidding package had misleading or erroneous data. I believe that Extraction Oil and Gas did not disclose fully their intention when they applied for the horizontal drilling MoU or permit in Broomfield. On this ground the agreement for them to drill can be vacated. A company which misleads when bidding for contract or to receive MoU/permission to carry our activities with great impact to the general public should and must be removed from any future contract.

Sincerely,

Michael Wyn, President

SDSI

PO Box 18894

1/5/2017

The City and County of Broomfield Mail - Serious concerns regarding Extraction Oil and Gas plan

Boulder, CO 80308

Email: MikeWyn@gmail.com

Cell: 303 478 0507

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To view this discussion on the web visit https://groups.google.com/a/broomfield.org/d/msgid/manager/CABvB8eogJjORoaVTE5MVu16viWUEBSSUTLEAyY6_2QziJWehtg%40mail.gmail.com.



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction-reported housing price study from CSU ironically contradicts their claim

1 message

Dan Magenheimer <dan.magenheimer@gmail.com>

Mon, Jan 2, 2017 at 4:15 PM

Reply-To: dan@magenheimer.com

To: council@broomfieldcitycouncil.org

Sorry to bother you again today, but this may be worth adding to your toolkit, especially since it is so ironic! The lesson is to study the data that one's opponent is using because they may not have read it very carefully and the results may conflict with their long-term objectives!

Cheers,
Dan Magenheimer
Anthem Ranch

In Extraction's "Front Range News", a newsletter "Powered by Extraction Oil & Gas" a Sep 21 2016 article [1] has the headline:

Study Refutes Claims of Lower Home Values Due to Hydraulic Fracturing, Oil and Gas Operations

The article cherry-picks certain sentences from a recent CSU report [2] to justify the headline, but misses some important contrary findings in the report that are particularly important in our current massive scale (141 wells) situation in Broomfield.

My takeaway of the report is that I, and every homeowner in Anthem, can expect \$1000s to \$10000s of our home equity to be redistributed to Extraction's investors and executives.

The article is worth reading -- skip the complicated math which defends the methods to academic mathematicians.

It would be interesting to ask (publicly?) an Extraction official if they stand behind this report and then point out the following quotes from the report:

"In urban areas or incorporated townships the number of wells being drilled at the time of the house sale did have a statistically significant negative effect on house prices, although again the effect was quite small at less than a 1% decrease in house price FOR EACH WELL being drilled within a half mile of a house at the time of sale." [emphasis added]

"As can be seen, drilling activity within a half mile of the house during the time a buyer is deciding on a house results in a measurable negative effect on house prices in urban areas but no effect in rural areas. However, the effect in the urban area is still quite small at -1% of the house price FOR EACH WELL being drilled at the time of house sale. While a producing well near a house in an urban area has a significant but small positive effect on house prices in the semi-log model, the effect on house price is... about one-tenth of one percent PER producing well within a half mile." [3]

"...in urban areas, increasing distance from drilling activity slightly, but statistically significantly, reduces house prices."

[1] <http://www.frontrangenews.com/study-refutes-claims-lower-home-values-due-hydraulic-fracturing-oil-gas-operations/>

[2] http://www.oilandgasbmps.org/docs/bennett_loomis_fracking_property_values_society_natural_resources.pdf

[3] The raw one-tenth of one percent per well is concluded to be insignificant but the conclusion does not take into account scaling to 100+ wells.



Eileen Albrecht <ealbrecht@broomfield.org>

Out-of-the-box economic risk evaluation method for Broomfield fracking

1 message

Dan Magenheimer <dan.magenheimer@gmail.com>

Mon, Jan 2, 2017 at 11:07 AM

Reply-To: dan@magenheimer.com

To: council@broomfieldcitycouncil.org

Mayor Ahrens and council members --

I unfortunately will be unable to attend the January 10 council meeting but wanted to make a suggestion related to the proposed short-term fracking moratorium.

In a discussion among Broomfield neighbors on Nextdoor.com, there is some disagreement as to whether the safety concerns and suggested risks (air, water, earth movement, disaster, traffic, etc.) are being overstated. I.e. "nothing bad could possibly ever happen" from one side vs. "the world will end" from the other.

It occurred to me that it may be possible to get an independent evaluation of the risks, measured economically, in terms that a business -- and perhaps the state courts -- could understand.

I don't know how easy this is or even if it is possible, but suppose Broomfield were to commission a very large international professional insurance and risk analysis firm, such as Lloyd's of London, to quote an insurance premium (one-time and/or annual) to financially protect both the city and, individually, all Broomfield residents from potential negative effects of Extraction's proposed project.

If the premium quote is sufficiently small, it would serve to reassure residents and add perspective to the safety risks, and CCOB and/or any individual resident could choose to purchase a policy to protect themselves. If the premium would be very large, Extraction could be asked to pay the premium (or purchase a bond paying annual premiums in perpetuity) as a cost-of-doing-business and, if they refused, a lawsuit could challenge that a for-profit business is placing a measurable undue economic impact on residents and CCOB.

I understand that Extraction does have "an insurance policy", but I suspect that is to protect them, not to protect us. Specifically, I suspect the "covered risks" is very different than CCOB or residents would require because, after all, bankruptcy laws ultimately protect a public corporation from worst case loss but do nothing to protect CCOB or individual residents from worst case safety impacts.

I hope this suggestion is helpful. Thanks for your time and interest in understanding this very complex issue!

Cheers,
Dan Magenheimer
Retired Computer Professional
Anthem Ranch



Eileen Albrecht <ealbrecht@broomfield.org>

Apology

1 message

Mackenzie Carignan <mackenzie@pontarelli.com>

Fri, Dec 23, 2016 at 9:05 AM

To: council@broomfieldcitycouncil.org

Hello again,

I wrote an email yesterday (12/22/2016) to the city council that had a tone that was much more forceful and accusatory than I had intended. There was some misinformation, some anger, and a lot of frustration, and I totally lashed out. I used you all as punching bags, and that's not OK, and it's certainly not constructive. Parts of the email are inappropriate, and I'm extremely sorry. Please accept my apology for implying that you are not committed to your job or the people of Broomfield. I made a mistake. Mea Culpa.

If I'm being honest, I didn't expect any of you to read my email (again, my misinformation, nothing to do with you). I certainly didn't expect the responses I got. I expected the process to look something like this: I write an email where I vent and release my frustrations, and I feel better (which I didn't, by the way). Some admin somewhere reads it and auto-responds with a form letter. My email is filed somewhere, end of conversation. I assumed that you all were receiving many emails like this a day, maybe even hundreds. I figured I was a voice in a crowd of other voices, a drop in the bucket, so to speak. The fact that several of you read AND responded to the email has already renewed my faith in the system. What makes me even more inspired is the responses I did receive. Despite the fact that I was being rude and accusatory, at least one of you reached out to me and attempted to build a bridge where I was seemingly building a wall (Thank you, Kevin). Every response called me out on my inappropriate accusations and misinformation, which I really appreciated. It's become clear to me that the fracking ban is a very sensitive subject for many of you, an effort that some of you have put countless hours into on behalf of the residents of Broomfield. I didn't realize that the sensitivity level on this topic was so high, or quite frankly, that anyone would really care what I had to say about it. Again, I was wrong. Again, I'm sorry.

Would you allow me to try again? I know a lot of residents who are scared, frustrated, and feel helpless about the cluster fracking proposal. The media is portraying it as a bait and switch (<http://kdvr.com/2016/11/18/broomfield-residents-upset-about-plan-for-over-100-oil-wells-near-neighborhood/>). It's very difficult to piece together information about what's happening and what any of it means to us. There is a lot of misinformation out there, and it's damaging. We see the city council as the first line of defense to protect us from what a lot of us see as a possible threat to the things we hold dear: clean air, water, lovely views, rising property values, our children's safety, among others. We read ordinances that purport the council and the city/county have some kind of authority over permitting and land use (Ordinance 1986, for example). Despite the fact that state law trumps city law and we cannot impose an all-out fracking ban in Broomfield, we see the municipal level as a place where we can at least start to fight the fight, which is exactly what some of you are doing. **I ask you to vote yes on Ordinance 2038 on January 10th.** I thank you for voting yes on December 6th.

What I also think would be useful is a better central resource for residents to access and get educated about exactly what we are facing. I work in training and education, and I can testify to the benefits of clear, effective learning materials that distill information. There's a lot of "piecing together" and splicing of information that a common Broomfield resident has to do at this point to figure out what the heck is even going on, and even with Ph.D., I'm having a hard time navigating the various ordinances, lawsuits, protective acts, etc, etc, etc. in a way that leads me to a place of understanding. Please know this: many of us are just finding out about this right now. We are starting at square one. While I take responsibility for my own misinformation, it's not entirely for lack of trying. Should it take a common resident 40-50 hours of reading and research to come to a foundational sense of "getting" what's going on? It's a place to start, but's not ideal. I'd argue that a better educational resources that works to give executive summaries, infographics, and maybe even draws a visual picture of the current processes, ordinances, laws, potential outcomes would be really helpful for people seeking information. I manage projects like this for a living-- it wouldn't be hard to put something like this together in a few weeks. I also understand that this effort may (and probably should) be a phase 2 initiative, so please don't take this suggestion to mean that I don't think you haven't thought of this. In fact, I'm sure you already have. If you think I can help with this initiative or would like to talk more about it, please don't hesitate to let me know.

I'm going to shut up now. Again, I'm sorry for my previous email. The frustration and passion are real, the accusations and call-outs are not. Also, please don't feel obligated to respond unless you want to. Thank you for showing me that I do have a voice, and that my voice should be used to build bridges, not walls.

Thank you,

1/5/2017

The City and County of Broomfield Mail - Apology

Mackenzie Carignan, Ph.D.
13971 Star Creek Dr.
Broomfield, CO
mackenzie@pontarelli.com
720-352-3994



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking Ban Plea

1 message

Mackenzie Carignan <mackenzie@pontarelli.com>

Thu, Dec 22, 2016 at 10:29 AM

To: council@broomfieldcitycouncil.org

Cc: Brian Pontarelli <brian@inversoft.com>

Hello,

My family and I have been Broomfield residents for exactly 10 years. We chose Broomfield because of the great schools, proximity to Boulder and Denver, and because of the dedication of the city/county to preserve open space and provide recreation space for families and active people. I'm an avid runner, and I've loved taking advantage of the open spaces and trails created by thoughtful planning. We honestly love Broomfield, and recently when faced with the opportunity to build a dream house outside of Broomfield, we decided to compromise for something less ideal but to stay in Broomfield because we love the community. We are dedicated to this community and its success. We have three children, ages 12, 7, and 4. Two of them were born here in Broomfield and have lived here all their lives. My husband owns a local software company and I work for Oracle here in Broomfield.

We own two houses in Broomfield and just signed papers to build a third in Anthem Highlands that will be over \$1 million by the time it's completed. We've enjoyed watching our home values increase over the past 5-10 years.

But now we are dealing with the fracking bait-and-switch that you, our city council, has allowed to happen. We are very disappointed. As my husband and I embark on building a new home within 2500 feet of at least one of the three wells, we are heartbroken to see the lack of commitment that the council seems to have towards new and future residents of Anthem Highlands. To allow an **unprecedented amount** of wells to be built within 2500 feet of a community development that you approved, schools, homes, and drinking water reservoirs is, quite frankly, completely disappointing and ignorant. There have been **no studies** to prove that putting **this many wells** on single sites is safe, never mind how close they are to community activities, parks, homes (my future home!). It's irresponsible, and you need to do everything in your power to stop it. To prioritize a corporation's greed and bottom line over the welfare and safety of YOUR residents is simply something you cannot do.

I propose that Broomfield council hold Extraction Oil and Gas accountable for providing Broomfield residents with scientific proof by the research company of our choosing (not one sponsored by them!) that the fracking efforts they propose will not interfere with the quality of life we have come to know, love, and, quite frankly, pay a heck of a lot of money for. They must study other sites **with at least as many wells** on a site that is the **same distance from homes, schools, and community entities**. This must be a long-term study that takes all aspects of land, water, quality of life, health, and overall community impact into account. Until we are provided with proof that the number of wells has been sustained by them safely, without harm to residents and the earth, we keep the moratorium in place to PROTECT the residents and our beautiful community features from unknown and potential disaster.

Let me be clear about something: I don't mind a fracking site here and there. Studies have been done on **singular sites**, and while the EPA hasn't really made any definitive conclusions, we've been living in close proximity to fracking wells for years without dismay. It's the AMOUNT of WELLS per PAD that is alarming about the proposed effort because it's UNPRECEDENTED, and there is no proof that it will not end in catastrophe. Are you willing to make a pledge to me that it won't end in catastrophe? I don't want to build a million dollar home and have it end in catastrophe, and it's your job to make sure that doesn't happen. If you allow this to happen, I will hold you accountable. What I and many, many concerned Broomfield residents are proposing IS NOT RADICAL. It's really a plea for common sense, and it's not negotiable.

I look forward to hearing back from you. I will be in attendance at the January 10th meeting where you can be assured, members of this beautiful community will hold you and the other officials accountable for doing your job.

Thank you,
Mackenzie Carignan, Ph.D.
13971 Star Creek Dr.
Broomfield, CO
mackenzie@pontarelli.com
720-352-3994



Eileen Albrecht <ealbrecht@broomfield.org>

Proposed fracking moratorium

1 message

Tom Sebok <tom.sebok@gmail.com>
To: council@broomfieldcitycouncil.org
Cc: Mara Radis <mararadis@gmail.com>

Tue, Dec 20, 2016 at 5:43 PM

Dear Council Representatives,

My wife, Mara Radis, and I are Wildgrass residents. I'm writing to you to express our hope that City Council will keep the second reading of the proposed fracking moratorium on the Council's January agenda. None of the Wildgrass neighbors with whom I've spoken support Extraction's request to postpone the second reading for another month.

We were thrilled with Council's action on the first reading. More than 70% of Wildgrass residents oppose the industrial nightmare Extraction is attempting to impose on our community. Their cynical, duplicitous reframing of what's actually happening as "needing to clear up confusion" is insulting PR and it is complete nonsense. We aren't "confused." We simply do not trust them. Their track record at Triple Creek and elsewhere speaks for itself.

If it's helpful, we could support the moratorium being voted in as a valid ordinance in January but moving the start date back until March 1st IF Extraction agrees to postpone the COGCC hearings until March. Do you think this would be possible? Would it require another first reading or might this modification be incorporated into the second reading?

Mara and I also ask that Extraction be required (or at least asked) to provide evidence that, regardless of their plan, their plan will not create adverse health impacts (adverse air and water toxicity) for Broomfield citizens. Of course we know they won't likely agree but, given what's at stake, we believe these health and environmental issues should remain at the center of all discussions with Extraction.

Sincerely,

Tom Sebok and Mara Radis
4476 Eagle River Run

PS Apologies to those of you who received this earlier. I failed to realize I could reach the entire Council at once.



Eileen Albrecht <ealbrecht@broomfield.org>

Request to implement CRS paragraph 34-60-123

1 message

Pat Gilbert <pgilbert@broomfield.org>
 To: Gerard Gilliland <gerardg@models.com>
 Bcc: ealbrecht@broomfield.org

Tue, Dec 20, 2016 at 5:08 PM

Mr. Gilliland,
 Thank you for your message. I have reviewed and forwarded it to the City and County Manager's Office.
 Pat

On Sat, Dec 17, 2016 at 10:38 AM, Gerard Gilliland <gerardg@models.com> wrote:

Governor Hickenlooper,

Per State Legislation CRS paragraph 34-60-123 Interstate Compact to Conserve Oil and Gas,
 would you please conserve the oil and gas under Broomfield.

The lost revenue from lower property values is greater than the value of the gas and oil.

Thank you,

Broomfield City Council

Pat Gilbert,

The following comments should not be part of the above letter but are here to describe the concepts.

I would like the Broomfield City Council to send Governor Hickenlooper the above letter.

I attended the Broomfield City Council meeting on December 6.

Much of the discussion was on ways to fill Elizabeth Law-Evans "empty toolbox" to postpone or slow drilling and fracking.

I don't have the numbers to support the above statement.

I don't think the numbers need to be part of the above letter but Broomfield needs to be able to justify the statement when asked.

We can't predict the future but we can tie the numbers to the 2008 recession.

From mid 2014 to mid 2016 our housing market re-gained 17 percent in value to return to the pre-recession value.

Mid 2008 \$223,000; Mid 2014 \$190,000; Mid 2016 \$222,000

While mid 2016 gas prices at Henry Hub are 3/4 of the mid 2014 prices and 1/3 of the mid 2008 prices.

And mid 2016 oil prices at Cushing, OK are 7/8 of the mid 2014 prices and just over 1/3 of the mid 2008 prices.

We don't want to reverse the housing value gains that we lost in 2008 and have just now recovered.

There are 6 houses built and 25 ? houses now waiting construction (on hold?) within 1000 feet of the Sheridan well pad.

The area homes were listed around \$500,000 ? in early 2016.

I don't want to privatize the profits of the gas and oil company while socializing the cost of their development.

I am hoping you can put real numbers and trends to the housing prices and potential lost revenue.

I can supply prices rather than ratios to the gas and oil numbers if you prefer.

The links to Henry Hub

<https://www.eia.gov/dnav/ng/hist/rngwhhdM.htm>

And Cushing, OK.

<http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=RWTC&f=D>

I used your link on Extraction Oil & Gas Preliminary Application Packet-Conceptual Review
page 49 -- UMA Check Exhibit Shows 6 existing homes; 31 sites within 1000'

<http://www.broomfield.org/documentcenter/view/15211>

I used the value of my home for the 17% housing market recovery.

I don't know if you can tie any prices to drilling and fracking but realtors may be able to.

The link to 34-60-123 Interstate compact to conserve oil and gas

<https://cogcc.state.co.us/documents/reg/Rules/LATEST/AppendixV.pdf>

And the full statement:

The governor may execute agreements with other member states for expiration date extensions or other modifications of the terms of the interstate compact to conserve oil and gas. The governor may further take all steps necessary to effect withdrawal of this state from the compact upon his determination that withdrawal is in the best interests of the state of Colorado.

Thank you,

Gerard Gilliland

gerardg@modelsw.com

--

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To unsubscribe from this group and stop receiving emails from it, send an email to oilandgas+unsubscribe@broomfield.org.

To post to this group, send email to oilandgas@broomfield.org.

To view this discussion on the web visit <https://groups.google.com/a/broomfield.org/d/msgid/oilandgas/003f01d2588c%2450f05880%24f2d10980%24%40modelsw.com>.

--

Patricia W. Gilbert
Deputy City and County Attorney
City and County of Broomfield
One DesCombes Drive
Broomfield, Colorado 80020
Ph: 303-438-6353
Fx: 303-464-5849
pgilbert@broomfield.org



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Eileen Albrecht <ealbrecht@broomfield.org>

Moratorium on Oil & Gas

1 message

'Laurie Anderson' via council <council@broomfieldcitycouncil.org>

Tue, Dec 20, 2016 at 4:33 PM

Reply-To: "laurie.anderson1@yahoo.com" <laurie.anderson1@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Dear Mayor Ahrens and Council Members,

I am committed to protecting my family, as well as all residents of Broomfield, from the health, safety, and environmental impacts of oil and gas drilling in residential neighborhoods.

I remain in support of the second reading of the moratorium occurring on January 10th, regardless of the status of negotiations with Extraction. Delaying the second reading until February, per Extraction's request, will not be supported by residents.

Residents of Broomfield are working together to protect our community's health and safety. We look forward to working with you, as well, to accomplish this mission.

Sincerely,
Laurie Anderson

Sent from Yahoo Mail on Android



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil and Gas Moratorium Vote

1 message

Skip Klenk <sk.wildgrass@gmail.com>

Tue, Dec 20, 2016 at 3:49 PM

To: council@broomfieldcitycouncil.org

Cc: nk.wildgrass@gmail.com

We're writing to request that the Council does not postpone the moratorium vote until February and that the 2nd reading occurs as scheduled on January 10, 2017.

We could support the moratorium being voted in as an ordinance and having the start date pushed to March, effectively changing the moratorium to March 1st thru August 31st, 2017. We could only support this if Extraction is negotiating in good faith and agrees to put off COGCC hearings until March. Is this possible and would it require another first reading?

Regards,

Skip and Nancy Klenk
4757 Raven Run
80023

From Skip's iPad



Eileen Albrecht <ealbrecht@broomfield.org>

Water Supply Issue concerning the Proposed Moratorium on Fracking Permits

1 message

Ronald Lowther <rplowther@gmail.com>

Sat, Dec 17, 2016 at 7:49 PM

To: council@broomfieldcitycouncil.org

Cc: Ann Marie <abyers@comcast.net>

Dear Mayor Ahrens and Council Members,

I request your support and approval of the 6-month moratorium on oil and gas fracking permits. As a resident of the Wildgrass subdivision, I have many issues with fracking under our Broomfield residential neighborhoods. I know you are aware of most, but I'd like to bring the following issue to your attention:

The Lowell pad site proposed by Extraction Oil and Gas (O&G) is directly adjacent to the planned Broomfield reservoir and uphill from it. Given the terrain, runoff from this pad is most likely to drain directly into the reservoir, thus possibly contaminating Broomfield's future water supply. The city has already expended a lot of funds to study, site, and plan the future reservoir. If Extraction O&G gets approval to drill on the Lowell pad and surface runoff contamination is detected, the city may be forced to relocate the reservoir site, which would cost the city dearly. The moratorium is needed in order for the City to study this issue alone. If you agree, it is imperative that you strengthen Broomfield's existing land use regulations to prevent any O&G development on the Lowell pad site.

Very Respectfully,

//Ron//

Ronald P. Lowther, PhD, Colonel (USAF Retired)

14813 Snowcrest Drive

Broomfield, CO 80023

Home: 303-728-9086

Cell: 720-512-6727

Email: rplowther@gmail.com



Eileen Albrecht <ealbrecht@broomfield.org>

Oil Wells

1 message

'Josh Viola' via council <council@broomfieldcitycouncil.org>

Fri, Dec 16, 2016 at 4:21 PM

Reply-To: Josh Viola <baneofyoto@yahoo.com>

To: council@broomfieldcitycouncil.org

To Whom It May Concern,

I am a Broomfield resident and very unhappy to learn about a plan to bring 100+ oil wells and fracking facilities so close to our neighborhoods.

Action needs to be taken right away to prevent this from moving forward.

<http://kdvr.com/2016/11/18/broomfield-residents-upset-about-plan-for-over-100-oil-wells-near-neighborhood/>

Best,
Josh Viola
303-842-3930

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

NIMBY

1 message

'Judy Kelly' via council <council@broomfieldcitycouncil.org>

Thu, Dec 15, 2016 at 11:24 PM

Reply-To: Judy Kelly <cova9701@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Dear Mayor Ahrens and Council Members-

Maybe we can ask Mr. Rex Tillerson for advice on how to stop Extraction's drilling project from ending up in our back yards.

<http://www.usatoday.com/story/money/business/2014/02/22/exxon-mobil-tillerson-ceo-fracking/5726603/>

Judy Kelly
16512 Crosby Drive



Eileen Albrecht <ealbrecht@broomfield.org>

Film Clips from GroundswellRising

1 message

Paul Classen <pjclassen@gmail.com>
Bcc: manager@broomfield.org

Thu, Dec 15, 2016 at 10:13 PM

<http://groundswellrising.com/clips/>

I live at Anthem Ranch and serve on the Anthem Environmental Awareness Committee. We have had interest and studying the subject of fracking for the past five years. The executive producer of the film Groundswell Rising is a personal friend of mine from Pennsylvania. Part of the film was filmed in Erie CO. Please review the film clips and trailers. I have a copy of the complete film and would be happy to share it with you. Please contact me.

I have big concerns about the health and air quality issues of heavy industrial fracking operations in residential areas. I think everything should be done to delay fracking in our city. I moved here from south central Kansas which is experiencing many earthquakes in recent years from fracking.

Paul Classen
16201 Red Mountain Way
Broomfield CO 80023
316-217-2355

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Eileen Albrecht <ealbrecht@broomfield.org>

January 10th second reading and vote on the proposed ordinance for a moratorium on oil and gas (Extraction) drilling

1 message

Rhonda Gmail <rhonda.mcnally@gmail.com>

Wed, Dec 14, 2016 at 1:34 PM

To: rahrens@broomfieldcitycouncil.org

Cc: council@broomfieldcitycouncil.org

Dear Mayor Ahrens and all City Council Members,

I am a resident of the Wildgrass community and have been closely following the issues related to Extraction Oil and Gas for several months.

I attended the Dec 6 and 13 City Council meetings.

I urge you Mayor Ahrens, and the city council members to not change the January 10th scheduled date of the second hearing for a 6 month moratorium on oil and gas development/drilling work in Broomfield.

It is my hope that the second reading of the proposed moratorium ordinance will be held as scheduled and as agreed upon, on January 10th. It is also my hope that the six month moratorium will be supported and passed by the city council.

I do not find Extraction Oil and Gas company to be trustworthy or to be at all considerate or responsive to our city's residents and communities. I also see no significant reason to change this January 10th second reading and decision.

Additionally I hope that the City Council will do all that is within your power and ability to significantly decrease the number of wells that Extraction is allowed to drill on each pad. I would like for the city to further develop and update city regulations to better ensure the safety, health, well being, and vibrancy of our wonderful Broomfield communities, as related to the fracking industry. This includes issues of our water supply safety and the health and safety of all ages of residents. It also includes supporting and sustaining our currently "non-industrialized" Broomfield residential community by considering and limiting the amount of industrial truck traffic, the amount of noise and air pollution, by establishing frequent independent safety monitoring of those issues, and by holding Extraction responsible for any and all financial costs related to infrastructure expenses or future water, road, and land problems.

It is really my preference that no fracking occurs in this residential area and other Broomfield residential areas. However I do understand that city and local governments do not have the legal ability to stop fracking in their jurisdictions due to the current State of Colorado statutes. That is very unfortunate and must be very frustrating for the council. I hope the city council will also respond as a united council to speak about this issue with our state legislature members.

Please do not move the already agreed upon January 10th second reading regarding the moratorium to February.

Grateful for your willingness to hear and respond to Broomfield residents' voices,

Rhonda McNally

4713 Raven Run

Broomfield



Eileen Albrecht <ealbrecht@broomfield.org>

Message from Residents of Broomfield- Kim and George Jage

1 message

Anne Brouker <abrouker@broomfield.org>

Tue, Dec 13, 2016 at 5:03 PM

To: council@broomfieldcitycouncil.org

Good evening council,

I received a phone call this afternoon from Kim Jage, who resides at 4630 Pyramid Circle in the Broadlands.

Kim and her husband George would like to convey that they were sorry they could not attend the council meeting this meeting, but they would like you to know that they are voicing their support on the moratorium re: oil and gas, which they would like the second reading to be held in January and not February.

They also expressed that they love living here in Broomfield and just recently moved here from Las Vegas. They said that everyone they have been in contact with here in Broomfield have been very nice to work with.

Thank you.

Anne Marie Brouker
Administrative Analyst
Broomfield City and County Manager's Office
303-438-6301
abrouker@broomfield.org



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Negotiation

1 message

Derek Malmgren <dr.malmgren@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Dec 13, 2016 at 4:38 PM

Hello Mayor and Council Members,

It has come to my attention that Extraction Oil and Gas has requested a delay in the 2nd vote for a Moratorium on Fracking in Broomfield in order to negotiate. Based on the changes in scope and scale it is imperative that the city spends the time and resources to determine the best course of action for moving forward and the moratorium is crucial in doing this. Please keep in mind that the company that desires negotiation has put themselves into this position with their own deception and they are experts at doing this and have the legal resources and capabilities to manipulate systems to the best of their abilities. Extraction's business plan is to perform these operations in areas that other companies consider too risky or complicated because of the proximity to residential neighborhoods, schools and reservoirs in our case, so every scenario they encounter is never in the best interest of the community hence other companies desires to walk away from these operations.

The EPA just yesterday has revised it's summary of the effects of Hydraulic Fracturing and their final assessment and they state that:

"EPA found scientific evidence that hydraulic fracturing activities can impact drinking water resources under some circumstances."

Here is a link to the final assessment:

<https://www.epa.gov/hfstudy/executive-summary-hydraulic-fracturing-study-final-assessment-2016>

Please do not consider negotiating with Extraction until you have an opportunity to ensure that you have the best course of action to protect your citizens.

Thank you,
Derek Malmgren
720-234-7378



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking Moratorium

1 message

scaudillo2011@gmail.com <scaudillo2011@gmail.com>

Tue, Dec 13, 2016 at 4:20 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Good Afternoon,

Neither my husband or I can attend the meeting tonight, but we wanted to let you know we are in favor of the moratorium with Extraction Oil until June or later if possible. We are opposed to fracking in our community of Wildgrass and appreciate your efforts.

Thank-you.

Tom and Shelly Caudillo

4923 Crimson Star Drive

Broomfield, CO 80023

Sent from Mail for Windows 10



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking and setback laws - the Form 2A application and our moratorium

1 message

Ann Hill <absolutely.ann@gmail.com>

Tue, Dec 13, 2016 at 2:30 PM

Reply-To: absolutelyann@gmail.com

To: rahrens@broomfieldcitycouncil.org, council@broomfieldcitycouncil.org, Greg Stokes <gstokes@broomfieldcitycouncil.org>, Christy Clark-Weese <ladder3417@gmail.com>

Dear Representatives,

What our local government can do is ensure setback laws are followed. We can request verification that the Form 2A application made by Extraction is in compliance with setback laws.

<http://www.law.du.edu/documents/student-law-office-clinical-programs/ELC-Form-2a-Executive-Summary.pdf>

In July of 2012, the COGCC sued the City of Longmont over its regulations that prohibited placement of oil and gas facilities in residential areas. Longmont believed that its regulations were a necessary addition to the state regulations which allowed wells and production equipment as close as 150 feet from homes. In February of 2013, the COGCC updated its regulations to require a greater distance between oil and gas facilities and "building units," which includes homes and occupied commercial spaces. The regulations changed the minimum setback requirement from 150 feet to 500 feet with numerous exceptions for rural areas, for expanding existing wellhead locations, and for locations with existing surface use agreements. The Form 2A application is used to ensure the setback regulations are being followed. The Form 2A requires oil and gas operators to provide the number of wells on a single site and the distances from building units and high-occupancy buildings such as schools and hospitals. The 2013 rule changes also required operators to notify homeowners within 1,000 feet of the proposed location about the application and also gave local governments additional time to comment on applications – particularly those within the residential "urban mitigation zones." Finally, the rules require that "multi-well production facilities" proposed within the "buffer zone" (1,000 feet of a building unit) be "as far as possible" from building units. Requiring multi-well production facilities to be located as far as possible from homes was recognition that multiple wells and related production equipment have far greater impacts on neighboring land uses than a single well. In the past ten years, technological advancements in horizontal drilling have allowed oil and gas operators to routinely access oil and gas resources from as far as two miles away. Horizontal drilling provides operators much greater flexibility for the siting and location of well heads and production facilities.

Has the City and County of Broomfield requested a review of Form 2A?

Sincerely,
Ann Hill
4344 Fern Ave.
Broomfield, CO 80020



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction oil

1 message

'Linda Kraut' via council <council@broomfieldcitycouncil.org>

Tue, Dec 13, 2016 at 11:47 AM

Reply-To: Linda Kraut <krautlm@aol.com>

To: council@broomfieldcitycouncil.org

Good morning,

First thank you very much for all your hard work. Today I read the letter from ExtractionOil to delay 2nd reading for moratorium. Reading it carefully it seems they are saying that they are "relying on the fact that there MOC would be ... honored as a binding contract. "

Don't be duped again. We need the moratorium to be enacted ASP so we have the leverage to renegotiate on our terms and specify the number of wells allow, etc. please continue to fight for the citizens of Colorado specifically Broomfield.

Thank you

Linda Kraut

4569 Hope Circle, Broomfield

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

Re: Follow-up on Broomfield Fracking

1 message

Pat Gilbert <pgilbert@broomfield.org>
 To: "Pecze, Bob" <Bob.Pecze@dell.com>
 Cc: Susie Pecze <susie_pecze@yahoo.com>
 Bcc: ealbrecht@broomfield.org

Mon, Dec 12, 2016 at 5:55 PM

Bob,

While the lines from the hearing dates point toward the grayed portions of the 3 northernmost applications depicted on the map (Lowell (North PSU), Sheridan North (West PSU), and Sheridan North (East PSU)), those three applications also include the corresponding colored, non-grayed areas below State Highway 7. (The grayed areas represent property that is not within Broomfield.)

The other eight applications depicted on the map with no hearing date, including the Sheridan (South PSU) application, were approved by the Colorado Oil and Gas Conservation Commission (COGCC) on October 24, 2016. I hope that provides clarification.

Pat

On Mon, Dec 12, 2016 at 5:30 PM, Pecze, Bob <Bob.Pecze@dell.com> wrote:

Hi Pat,

Thanks for taking time to talk with me today. I found the map with spacing hearing dates (<https://drive.google.com/file/d/0B9ANv3gK9uHcYVF5S0s5UI9iUms/view>). I noticed there are not dates for the Sheridan Pad, but there are dates for the North and South Sheridan locations. Does that mean they will have a future hearing to determine the spacing for the Sheridan Pad? Or is it incorporated into the North/South hearings?

Kind regards,

Bob Pecze

Sr Director, Delivery Operations

Dell EMC | Customer Service

mobile +1 303 653 5866

Bob.Pecze@Dell.com

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--

Patricia W. Gilbert
Deputy City and County Attorney
City and County of Broomfield
One DesCombes Drive
Broomfield, Colorado 80020
Ph: 303-464-5806
Fx: 303-464-5849
pgilbert@broomfield.org



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Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas Broomfield Development Plan

1 message

Brian Cain <bcain@extractionog.com>

Mon, Dec 12, 2016 at 4:00 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Cc: "manager@broomfield.org" <manager@broomfield.org>

Hon. Mayor and Council,

Please see attached our proposed opportunity to share additional information with Council and the community, as well as a slide presentation that outlines latest details of our plan. We appreciate Council's attention to this important matter and we thank you for permitting continued communication about this project for the benefit of all Broomfield residents.

Sincerely,

Brian Cain

Extraction Oil & Gas
Public Affairs


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2 attachments

 **Broomfield City Council Letter.pdf**
123K

 **2016 12 12 Extraction Broomfield Update.pdf**
2806K



Eileen Albrecht <ealbrecht@broomfield.org>

Oil and Gas Drilling in Broomfield

1 message

Norma McGraw <norma@squeakerdog.com>

Mon, Dec 12, 2016 at 3:25 PM

To: council@broomfieldcitycouncil.org

Dear Broomfield City Council Members,

We are writing to express our serious concern and fears over the proposed new oil and gas wells which will be near and UNDER our home in Broomfield. The scope of this project is unprecedented in such a highly populated area. The impact on the lives of so many would enormous! Pollution and noise are just the tip of the iceberg with ongoing damage to the environment including the reinjection of fracking waste water nearby. The industry claims to have the highest standards for safety but the records are not convincing with failures from pollution and leaks to earthquakes.

EIGHTY wells are proposed within a mile of our home! **EIGHTY!!!** The increased wealth of the oil and gas executives is what is driving this expansion. If the push toward alternative energy got even part of the funding that oil and gas is reaping we would be well on our way to not needing to drill for the oil and gas here in Broomfield.

We voted to block this type of development but our wishes were put aside by the courts. Please help protect our community!!

Norma and Don McGraw
4640 Wilson Drive
Broomfield, CO 80023



Eileen Albrecht <ealbrecht@broomfield.org>

Re: question about earthquakes

1 message

Pat Gilbert <pgilbert@broomfield.org>

Mon, Dec 12, 2016 at 1:18 PM

To: Erika Langsfeld <erikalangsfeld@gmail.com>

Cc: oilandgas@broomfield.org, Alex Brugh <alex.brugh@gmail.com>

Bcc: ealbrecht@broomfield.org

Erika,

Thank you for your inquiry. I gathered additional information from Broomfield's Public Health and Environment Department. Broomfield's drinking water comes from Carter Lake through a pipeline to Glasser Reservoir that does not involve the proposed location. Broomfield tests for VOCs in drinking water; no VOCs have been detected. Our annual report states that "contaminants not reported were not detected."

There are no wastewater injection wells proposed for the Sheridan Pad and there are none in Broomfield. The Colorado Oil and Gas Conservation Commission (COGCC) permits and regulates underground injection control wells. More information can be found on COGCC's website (COGCC). If you have not already, I would encourage you to look at the information available on Broomfield's webpage. (Broomfield's Oil & Gas Development webpage) I hope this information answers your questions.

Pat

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Patricia W. Gilbert
 Deputy City and County Attorney
 City and County of Broomfield
 One DesCombes Drive
 Broomfield, Colorado 80020
 Ph: 303-438-6353
 Fx: 303-464-5849
pgilbert@broomfield.org



On Fri, Dec 9, 2016 at 9:22 AM, Erika Langsfeld <erikalangsfeld@gmail.com> wrote:

Hi Pat,

I am considering moving to the Anthem community with my family, but I have some concerns about fracking that will be occurring on the Sheridan Pad. This pad will be just a few feet from the nearest house in the Lookout Village development. I have a few major concerns that perhaps you can help me address:

- **Water Quality:** I see that Broomfield has had high water quality and does testing at regular intervals, however, I did not see testing for VOCs in the list. What is Broomfield doing to ensure ongoing safety of its water supply, especially given that the Sheridan Pad lies adjacent to a culvert/stream(?) that leads straight to the reservoir.

- **Earthquakes:** Is injection of wastewater allowed in Broomfield? In the event that fracking causes seismic activity that results in damage to a home, what is the process for seeking remediation from the extraction company? Is the city of

Broomfield or another neutral third party involved at all with assigning likelihood of causality that would likely be needed during litigation?

Thank you so much for any info you can provide on this topic.

Best,
Erika Langsfeld

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--

Patricia W. Gilbert
Deputy City and County Attorney
City and County of Broomfield
One DesCombes Drive
Broomfield, Colorado 80020
Ph: 303-464-5806
Fx: 303-464-5849
pgilbert@broomfield.org



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BROOMFIELD GOOGLE APPS

Eileen Albrecht <ealbrecht@broomfield.org>

I strongly support the fracking moratorium in Broomfield

1 message

Ann Hill <absolutely.ann@gmail.com>

Sun, Dec 11, 2016 at 12:12 PM

Reply-To: absolutelyann@gmail.com

To: rahrens@broomfieldcitycouncil.org, council@broomfieldcitycouncil.org, gstokes@broomfieldcitycouncil.org

Cc: Christy clark-weese <ladder3417@gmail.com>

Dear Representatives,

I bought my home in Broomfield in 1996. I am an original home owner in the Brandywine subdivision. I'm very disturbed with the plans for fracking in the City and County of Broomfield. I've worked too long and put too much into my home to have it's value or perceived value diminished by fracking and pollution. I've been reading economic journals regarding the impact of fracking on home values. I've learned that property value is attached to things like perception of safe reliable drinking water. I was shocked to learn that Broomfield plans to allow fracking right next to our drinking water reservoir. Regardless of any environmental impact study, allowing fracking operations next to drinking water reservoirs will certainly diminish property value for all of Broomfield because of perception alone. In addition to this, fears of air pollution, noise pollution and earthquakes also stand to lower property values in Broomfield. The wells and platforms are a horrible eye sore. This will make it hard for us to keep Broomfield the wonderful play and recreation oriented place it has been for families. How will our tax base be impacted if property values are lowered? How will we pay for great schools? And honestly, who wants to jog past an oil well? Not me.

My concerns are based on economic research done and repeated by many economists. Here is an example article from the American Economic Review.

American Economic Review

<http://pubs.aeaweb.org/doi/pdfplus/10.1257/aer.20140079>

Access to a safe, reliable source of drinking water is an important determinant of a property's value; **even a perceived threat** to that access can have detrimental effects on housing prices. This is very important, as the potential for shale gas development to contaminate groundwater has been hotly debated

and

The burden of aesthetic disruptions is corroborated by the finding that the positive impacts are only driven by wells that are not in view of the property.

and the study finds

a statistically significant drop of 13.9 percent (p-value of 0.051) for groundwater-dependent homes

and finally even for folks who have access to piped water that won't be contaminated

The positive effects from lease payments appear to be offset largely by visual disamenities, as the coefficient on wells in view is statistically insignificant.

What does the study say? It says that ground water contamination risks (even if only perceived) are great enough to reduce property values in a statistically significant way. Additionally it concludes that the positive effects of lease payments from fracking are offset by "visual disamenities". That means the eye sore of a well in an otherwise beautiful community lowers the values of the homes in a statistically significant way that is more meaningful than any short term gains in leasing payments.

Let's take Windsor Colorado (where fracking is in full bloom) and compare it's growth in home values next to Broomfield. The median home value in Windsor is \$349,400. Windsor home values have gone up 5.3% over the past year and Zillow predicts they will rise 3.7% within the next year. The median list price per square foot in Windsor is \$149, which is lower than the Fort Collins Metro average of \$188. The median price of homes currently listed in Windsor is \$363,950. The median home value in Broomfield is \$389,900. Broomfield home values have gone up 12.6% over the past year and Zillow predicts they will rise 4.2% within the next year. The median list price per square foot in Broomfield is \$225, which is lower than the Denver Metro average of \$227. The median price of homes currently listed in Broomfield is \$461,425. The median rent price in Broomfield is \$1,895, which is higher than the Denver Metro median of \$1,850.

What do you notice about the growth? Broomfield is experiencing double digit growth whereas Windsor is growing at not even half the pace. The study I mentioned above does site a Weld County (Windsor) reference. These are just the facts. Studies show fracking lowers property values and/or growth of property values. And honestly, who wants to live next to an oil well anyway? Not me.

We need not rely only on the thoughts of economic scholars publishing articles in journals. We can turn directly to our local news to see how fracking has negatively impacted neighboring communities.

Fort Collins, CO

In February 2013, fracking fluid gushed from an oil well near Fort Collins for almost 30 hours before it was stopped. A piece of equipment fell onto a valve and broke it, causing the oil-laden fluid to rush out. Observers said the liquid was tinted green.

Source: "Workers stop fracking-fluid leak after 30 hours". Fort Collins Coloradoan. February 12, 2013. Web. <http://www.9news.com/story/local/2013/02/12/1839862/>

Windsor, CO

In February 2013, fracking fluid with oil in it gushed from an oil well at a PDC Energy site in Windsor, Colorado for over thirty hours after a piece of equipment broke a hydraulic valve. The spill was one of multiple PDC Energy spills on record that year.

Source: "Oil well leaks 'frac' water for 30 hours in Weld County." David Mitchell. Fox 31 – Denver. February 12, 2013. <http://kdvr.com/2013/02/12/oil-well-leaks-frac-water-for-30-hours-in-weld-county/>
(Yes the Ft. Collins article and Windsor article are the same incident - still compelling though isn't it that as far as the news is concerned, Ft. Collins had an oil spill? Perception, perception, perception!)

Greeley, CO

In March 2014, two workers were injured in an explosion and fire at an oil and gas drilling site north of the town of Greeley. The explosion occurred as workers were pulling an oil and water mixture out of storage tanks to take to a separator. Firefighters believe that static electricity could have set off the vapors. According to onlookers, the explosion shook houses and set a fire that could be seen for miles.

Source: "Greeley, Colorado Gas Drilling Site Explosion may have been Caused by Static Electricity". Associated Press. Huffington Post. March 4, 2014. Web. Accessed July 14, 2015. http://www.huffingtonpost.com/2014/03/04/greeley-colorado-gas-explosion_n_4898525.html?utm_hp_ref=green

Weld County, CO

One worker was killed and two injured when a Halliburton high-pressure waterline ruptured in November of 2014. The workers were thawing the frozen waterline when a pressurized stream of fracking fluid killed one worker on impact. Halliburton halted all fracking activity at the site until a review of the accident was completed.

Source: "Fracking blast kills one Halliburton worker, injures 2 in Weld County". Jesse Paul and Mark Jaffe. The Denver Post. November 13, 2014. http://www.denverpost.com/business/ci_26930029/one-dead-following-fracking-accident-weld-county

Angela Waldrop and family have experienced round the clock noise and vibration from an Encana Corp. well 700 feet away from their house. "The noise was like a high-power generator, but it was the vibrations that really took a toll", said Waldrop.

Source: "Drilling rigs and housing development face off in Colorado suburbs". Mark Jaffe. The Denver Post. February 13, 2015. Web. Accessed July 2, 2015. http://www.denverpost.com/managingtheboom/ci_27522307/drilling-rigs-and-housing-development-face-off-colorado

Jim Freemyer died in Weld County, CO in July 2014 from inhaling a toxic mix of chemicals. He was wearing a protective mask while measuring oil levels after opening a tank hatch when he was found by a coworker. He is one of nine oil workers found to have died this way since 2010.

Source: "Colorado judge awards benefits from Weld County oil patch death." Monete Whaley. The Denver Post. July 29, 2015. Accessed October 30, 2015. http://www.denverpost.com/news/ci_28552933/colorado-judge-awards-benefits-from-oil-patch-death

Logan Colorado

October 2009 **Fears of tainted water** well up in western Colorado <http://www.denverpost.com/2009/10/10/fears-of-tainted-water-well-up-in-western-colorado/>

Fort Lupton, CO

Brian Wallace, 60, was killed in a natural gas well explosion near Fort Lupton in August 2012. He died from multiple blunt force injuries that occurred when pressurized gas was released as workers prepared one of three wells on Encana

Corp.'s Davis well pad to begin pumping.

Source: "Man killed in natural gas well explosion near Fort Lupton identified". Yesenia Robles. The Denver Post. August 17, 2012. Web. Accessed July 26, 2015.
http://www.denverpost.com/news/ci_21332352/man-killed-natural-gas-well-explosion-near-fort

Fort Lupton, CO

In rural Fort Lupton, Colorado, **one resident's water began to smell funny and came out of the tap in bursts.** In February 2009, when he placed a cigarette lighter next to the running faucet, the water lit on fire. He is one of at least 29 residents northeast of Denver who have asked government or energy company officials to test their water wells for natural gas.

Source: "Colorado Study Links Methane in Water to Drilling." (<http://www.propublica.org/article/colorado-study-links-methane-in-water-drilling-422>) Abraham Lustgarten. ProPublica. April 22, 2009. Accessed July 2, 2013.

Erie, CO

A 26-year-old man from Brighton was killed in an explosion, and another person was injured in January 2015. Investigators believe that he was using a welding torch near a vacuum tank trailer that was previously used to haul crude oil from well sites. It's believed that the spark from the torch ignited residual oil inside or outside of the tank.

Source: "1 man killed, another injured in explosion". Associated Press. NBC 9 News. January 14, 2015.
<http://www.9news.com/story/news/local/2015/01/14/1-man-killed-another-injured-in-explosion-east-of-erie/21789395/>

Ault, CO

When a Noble Energy crew was working on an oil and gas tank at an organic farm near Ault, Colorado, a worker failed to open a valve correctly, resulting in a processing equipment backup that caused crude oil to spray across more than 150,000 square feet of an organic farm. The resulting 240 cubic yards of contaminated soil had to be physically scraped from the crop land. It is unsure whether the ground will be fit to grow crops again.

Source: "Spilled released Oil accidents no rarity in Northern Colorado." Bobby Magill. Windsor Beacon. June 20, 2013.
http://www.coloradoan.com/article/20130621/WINDSORBEACON01/306210023/Spilled-released-Oil-accidents-no-rarity-Northern-Colorado?nclick_check=1

As a long time resident of Broomfield I implore you to please stop the proposed fracking in Broomfield. Please keep my adult life time investment in my home and my community worth while by keeping a moratorium on fracking. I would love nothing more than to see my children who are now entering young adulthood feel proud of their roots in Broomfield. Don't make Broomfield the ash-tray of the front range. We have so many wonderful vertical industries at our finger tips. There are so many other economic opportunities for our community without the associated environmental risk. We are a high tech mecca. I am myself a software engineer. But I can assure you, I will likely sell and move out of Broomfield should fracking receive approval. Why? Because I am educated enough to read and understand the economic studies regarding fracking and it's impact on housing values. And honestly, who wants to lose money on lower home values? Not me. I have a half dozen co-workers living in Broomfield. Yes, they too are engineers. In fact, none of us have anything to gain from Broomfield fracking. Will they elect to stay if fracking proceeds? Probably not because they too can also read and understand the economics of fracking and property values. The perceptions of individuals will not be waved away by any environmental impact study when it comes to the environmental hazards of fracking. It is the shock delivered by the media on a daily basis that will continue to undermine property values of homes in areas where fracking occurs. It is the fact that many fracking accidents have happened within an hour drive of our lovely Broomfield which will cause panic over home values. It is the ugly appearance fracking wells that undermines property values. It is our fear for our drinking water and air pollution that will lower home values. It is perception that is key to our property values. We have worked hard for a better community. We have, in fact, voted as a community to forbid fracking in Broomfield. We deserve city and county representation that protects not only our health and safety, but also our investments in this community. We deserve a beautiful and un-polluted Broomfield. Please exercise your power to prevent the losses associated with fracking in our community.

Sincerely,
 Ann Hill
 4344 Fern Ave
 Broomfield, CO 80020



Eileen Albrecht <ealbrecht@broomfield.org>

Fwd: The Fracking Situation in Broomfield

1 message

Pat Gilbert <pgilbert@broomfield.org>

Thu, Dec 8, 2016 at 5:06 PM

To: emmasuedonehoo@gmail.com

Bcc: ealbrecht@broomfield.org

Ms. Donehoo,

Thank you for your message. Much of the information you seek can be found on the Oil & Gas Development page of Broomfield's website, which includes links to a December 2016 update letter and to Broomfield's oil and gas regulations. Broomfield's Oil & Gas Development webpage I hope you will find the information helpful.

Pat

--

Patricia W. Gilbert**Deputy City and County Attorney****City and County of Broomfield****One DesCombes Drive****Broomfield, Colorado 80020****Ph: 303-438-6353****Fx: 303-464-5849****pgilbert@broomfield.org**

----- Forwarded message -----

From: **Emily Donehoo** <emmasuedonehoo@gmail.com>

Date: Wed, Dec 7, 2016 at 9:08 AM

Subject: The Fracking Situation in Broomfield

To: citycountyattorney@broomfield.org

Good Morning,

Since last night's meeting, the thought that repeats in my head is, "Al Capone was arrested for tax evasion."

What aren't we thinking of in terms of things we can do? What laws/ordinances do we have in place/ can we pass that will make Broomfield an inhospitable environment to the Oil and Gas Company who have already proven to mislead and lie to our community? I am not versed in law, environment, or the like, but I know that I don't want a liar in charge of keeping my family's water supply safe.

If Flint, MI taught me anything, it taught me that.

Are there other actions I can take to aid our community in this fight?

Thank you,
Emily Donehoo



Eileen Albrecht <ealbrecht@broomfield.org>

Follow up

1 message

'Judy Kelly' via council <council@broomfieldcitycouncil.org>

Thu, Dec 8, 2016 at 11:45 AM

Reply-To: Judy Kelly <cova9701@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Mayor Ahrens and Council Members-

Thank you for allowing myself and fellow citizens the time to speak at this week's meeting.

Per your suggestion I called or emailed the following elected officials:

Senator Michael Bennett

Senator Cory Gardner

Governor John Hickenlooper

Representative Jared Polis

State Senator Vicki Marble

Representative-elect Matt Gray

Representative Matt Jones

I expressed my deep concern about the size of this drilling project and its proximity to my home. I also asked each of them to help us contain this project.

In reality, there may be nothing they can actually do, but I wanted each to be fully aware of the unprecedented size of this project so close to our residential areas.

When I spoke to the governor's staff person, she seemed genuinely shocked by the number of wells and asked me to repeat it twice. She mentioned calling the Energy Department to let them know, but when I called them they told me I should call the Department of Natural Resources. I tried calling the DNR but reached a tape and didn't know to whom I should direct my remarks.

If there is any other official you think I should reach out to, please let me know. I am organizing a phone call and letter writing campaign.

Sincerely,

Judy Kelly

16512 Crosby Drive

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

Moratorium on Oil and Gas Development Requested

1 message

'Dina Horwedel' via council <council@broomfieldcitycouncil.org>

Thu, Dec 8, 2016 at 11:02 AM

Reply-To: Dina Horwedel <dinahorwedel@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Cc: Peter Eichstaedt <petereichstaedt@yahoo.com>

I am writing to request that the city government consider a permanent moratorium against gas and oil development.

Currently 141 wells are proposed on four sites. This would essentially turn our small community into an industrial wasteland, with pollution, increased industrial traffic, and the very real potential to contaminate the ground water and water supply.

When companies propose extraction in a community, they need to be transparent. That was not done in this case. I am concerned that it will also not be done in the future, and the damage will be irreversible.

Colorado has more than 300 days of sunshine a year. Why are we not investigating continued ways to harness renewable energy? I was quite pleased to see the solar panels in front of the library and the city building.

Broomfield is a wonderful place to live. I am wholeheartedly against destroying the environment we love, risking our community's health, increasing industrial traffic, and lowering our property values with extraction in Broomfield.

Best,

Dina M. Horwedel

375 Ash Street, Broomfield Colorado 80020

dinahorwedel@yahoo.com



Eileen Albrecht <ealbrecht@broomfield.org>

City Council 12/6/16

1 message

Luis Menezes <luisdmenezes@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Dec 6, 2016 at 4:50 PM

Hi,
Although I can't attend in person I would like to put my vote in for the Proposed Ordinance No. 2038.
I vote to approve the Proposed Ordinance No. 2038 imposing a temporary moratorium on Oil and Gas related applications.

It's my personal opinion that such activity would put at risk the health, safety, and welfare of Broomfield citizens.

Thank you,
Luis Menezes
14028 Park Cove Dr



Eileen Albrecht <ealbrecht@broomfield.org>

Support moratorium on Extraction fracking project/NE Broomfield

1 message

Comcast <ruthib@comcast.net>

Tue, Dec 6, 2016 at 4:26 PM

To: council@broomfieldcitycouncil.org

Hello City Council,

I can't make it to the meeting tonight but want to express my support for a request to the Colorado Oil & Gas commission for a delay or moratorium on this project. In my opinion the following information is needed to proceed with this project:

Financial documents of principles and company, along with bonds and reserves sufficient to cover potential environmental incidents for each well. This company has operated as Gasco in the past so those financial records, along with its previous bankruptcy, should be provided as well.

Written explanation of this company's financial stability and proven track record of a project of this scope in an urban area, and proven track record of good faith efforts to prevent and mitigate health and safety issues.

Written verification of their current health and safety record.

Complete written water use and disposal methods.

Complete written road and traffic impact study and repair methods and financing and detailed budget for road maintenance and repair.

Complete environmental monitoring in all neighborhoods, schools.

Community meetings at each neighborhood and school with written informed disclosure of all potential health and safety risk.

Dust mitigation plans and detailed budget

Sound mitigation plans and detailed budget

Legal determination from Colorado Oil & Gas commission that forced pooling can be used for this project and that the leases that have been signed are binding, with full written informed consent of the scope and nature of the complete project and its potential health and safety impact.

My understanding is that neither the residents who have signed leases or the city council were informed of the scope of this project and the potential health and safety issues.

A delay would allow everyone to be fully informed and provide informed legal consent.

Thanks.

Shelley Bayne

393-476-1253

Ruthib@comcast.net



Eileen Albrecht <ealbrecht@broomfield.org>

New message via your website, from Sara.rusek@gmail.com

1 message

no-reply@parastorage.com <no-reply@parastorage.com>

Tue, Dec 6, 2016 at 4:14 PM

Reply-To: Sara Rusek <Sara.rusek@gmail.com>

To: council@broomfieldcitycouncil.org

You have a new message:Via: <http://www.broomfieldfarmette.com/>**Message Details:****Name** Sara Rusek**Subject** Broomfield Farmette

Message To whom it may concern- I was recently introduced to the concept of the Broomfield Farmette project and fell in love with the idea. As a community we are facing issues with fracking and rapid growth and development while still trying to maintain that hometown feel. Having local access to a farm and meeting space while still allowing for housing for our growing city is a win-win in my opinion. I admit that I know nothing about the laws, zoning, taxes, etc.. of a project like this. I'm also not aware of the drawbacks with the exception of perhaps money from a developer who promises more housing in the allotted space. I just hope that this project gets some serious consideration as I think it would be a boon to the community. Thank you for take by the time to read my message and I hope you consider moving forward with the Broomfield Farmette project. – Sara Rusek

Email Sara.rusek@gmail.com**Sent on:** 6 December, 2016

Thank you!



Eileen Albrecht <ealbrecht@broomfield.org>

ATTACHED: 95 Broomfield Residents Comments for City Council Meeting!

1 message

'Cristen Logan' via council <council@broomfieldcitycouncil.org>

Tue, Dec 6, 2016 at 3:39 PM

Reply-To: Cristen Logan <cristen.logan@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>, Randy Ahrens <rahrens@broomfieldcitycouncil.org>

I am not sure if my message would be buried by responding to a previous email I sent. My apologies for sending this twice. It is important so I wanted to be sure it was received!

I can not come to the meeting tonight due to a work commitment planned months ago. I have spoken to others who can't come tonight because of job obligations, because of health issues, planned surgeries, and many people were torn about coming because of a date conflict with the Adams Five Star Kindergarten Orientation meeting tonight. All of these people said they were going to email you and the council directly to voice their concerns. That is a lot of emails!

So in an effort to assist, I created a site where people who could not attend tonight could RSVP virtually and leave comments for the council should they choose. I had 95 people take advantage of this site. I understand you wanted everyone to show up in person, but as you know, this is not always possible. **Even though we can't be there in person, we still have a voice and we want to be heard. I hope you will take our messages just as seriously if we were there in person.** And I hope being able to read through multiple messages in one place, at one time, helps lift some of the burden for you.

I have attached this information in a spreadsheet with everyone's messages and individual email addresses in case you want to respond to each and every person (I promise you, these ARE real people...feel free to double check!). I committed to keeping their emails private and only share them with the city council. So please, if you do a group response, hide the email addresses so that they are not shared within the group. I hope to uphold my promise and not have their personal email information released.

With kindest regards,

Cristen Logan
15981 Williams Place (Lookout Village, Anthem Highlands)
970-471-9515
cristen.logan@yahoo.com

 **Virtual-Broomfield-City-Council-Meeting--RSVP.xls**
63K

Submission Date	First Name	Last Name	Are they able to attend?	Note
12/04/2016	Amanda	Puhal	Yes	
12/04/2016	Judith	Ricca	Yes	Stop this proposal!
12/04/2016	Christine	Humphreys	Yes	Please do not let a project of this magnitude destroy Broomfield. Not only do we not know the environmental impact, but also the beauty that is Broomfield's open land will be destroyed. Do not let oil companies get rich at our expense.
12/04/2016	Matt	Palmer	Yes	
12/04/2016	Ginny	Sarraf	Yes	We've lived in Anthem Highlands for 10 years. We chose Broomfield for it's core family values. Open space, schools. Unfortunately the FRACKING issue is so wrong in too many ways to state in an email. The City Council and the Mayor don't seem to be looking out for their constituents in this matter with the FRACKING. Sad to say follow the MONEY. The oil company stiped the City Council into approving the wells in the first place. SHAME on them for not doing due diligence on this matter.
12/04/2016	Cristen	Logan	Yes	We do not support a project this size so close to a neighborhood.
12/04/2016	Robert	Logan	Yes	
12/04/2016	David	Massy	Yes	
12/04/2016	Thomas	Schmidt	Yes	Allowing drilling to move forward would be an irresponsible action on the part of council members, and would damage not only the surrounding areas but all of Broomfield as well as our surrounding neighbors.
12/04/2016	Lucia	Barrera	Yes	Please don't let fracking ruin our beautiful Broomfield and the health of its population.
12/04/2016	Sheila	Smith	Yes	
12/04/2016	Thomas	McNally	Yes	I am strongly opposed to the proposed drilling for in Broomfield. This is too close to residential areas, and Extraction has been very deceptive throughout the process.
12/04/2016	Santos	Lopez-song	Yes	This has impacts to health for our families and especially our children. I moved to Broomfield because of its outstanding schools and a great place to raise our children. If this goes through it will also impact our home values. Economically we risk devaluation of our properties and at worst our health. What does this community gain by allowing this? In my mind there is too much risk with very few rewards.
12/04/2016	Suzanne	Cabral	Yes	
12/04/2016	Cheryl	Rivera	Yes	
12/04/2016	Linda	Johnston	Yes	I have 2 homes in Broomfield and have lived there over 30 years. Please, I have always respected the quality of life in town of Broomfield. DO NOT ruin it with fracking and health concerns. Linda Johnston
12/04/2016	Jannette	Kline	Yes	Please don't drill in our community. There are so many problems with this, I can't even begin to name them all.
12/04/2016	Rachell	Buell	Yes	Please protect our home values in Anthem! We moved to this area to provide a safe, family-friendly environment for our children!
12/04/2016	Jeffrey	Winnicki	Yes	We just won a victory in passing ballot 3D to build a K-8 school in our neighborhood. Please help us stop Extraction Oil & Gas from tainting our neighborhood and future school with oil wells and an endless supply of oil trucks passing within view of our new school every day of the year! What a disgrace this would be on our community! Every politician in the county should hide their face in shame and be forced to wear a scarlet letter if this were allowed to happen. Perhaps you could all wear t-shirts to public events that read "We allowed Extraction Oil & Gas to build fracking wells within site of an elementary school". Wear it with pride!!!!!!
12/04/2016	Gopal	Sapkota	Yes	
12/04/2016	Charles	Trostle	Yes	
12/04/2016	Olivia	Weststeyn	Yes	This should not be done near our homes and schools!
12/04/2016	David	Berman	Yes	There's no reason to risk the health of our children with this project
12/04/2016	Kristin	Hostetter	Yes	No drilling near our homes.
12/04/2016	Jennifer	Carl	Yes	We are traveling during the time of this meeting. I'm a deeply concerned first time homeowner and mother of 2. I'm in disbelief that this oil extraction was approved this close to several communities.
12/04/2016	Judith	Welsh	Yes	
12/04/2016	Missy	Cope	Yes	
12/04/2016	Eric	Weidner	Yes	
12/04/2016	Angel	Anichin	Yes	
12/04/2016	Courtney	Ogren	Yes	
12/04/2016	Denise	Givens	Yes	
12/04/2016	Jim and Cindy	Dixon	Yes	
12/04/2016	Jenn	Lindstrom	Yes	
12/04/2016	Daniel	Mestas	Yes	

12/04/2016	Tim	Flanagan	Yes	We are depending on our elected officials to protect our neighborhood and families... your support in limiting this large scale industrial development in Broomfield is vital!!!
12/04/2016	Becky	McLeod	Yes	I purchased my home in Oct 2015, not knowing of potential fracking within a couple thousand feet of my home. Had this been disclosed by the builder, I would never have purchased in Anthem. I can see the Lowell pad storage tank from my back yard. This is horrible for our health, our quality of life and our property values. Who would even buy our homes if we were to try to sell them now? Our property values are going to plummet and we are going to take losses if we want to sell. PLEASE don't allow this to happen. Too many people live too close to these sites. The State of Colorado should ban fracking entirely because the rights of oil companies should not supersede the rights of everyone else.
12/04/2016	Dawn	Billesbach	Yes	Not all of us are opposed to the drilling and fracking. I, for one, would not be able to live in Anthem or provide for my children were it not for oil and gas. Please note that I am in favor of it, even in my own back yard. As for risks, the EP takes great measures to ensure the safety of drilling and fracking. I hope that Extraction has a representative present to offer accurate information to those who are just jumping on the latest bandwagon.
12/04/2016	Jesse	Smith	Yes	My family and I moved to Anthem less than 2 months ago. We are Colorado natives and chose Broomfield, specifically Anthem, due the active lifestyle we love. This unprecedented fracking proposal in our residential community poses many known drawbacks and risks to our community and residents. I am extremely concerned for the health and safety of my children, the multitude of inconveniences caused by the construction as well as the lack of integrity shown by Extraction Oil & Gas during their other existing residential projects. Our family would not have considered moving to Broomfield had we been aware of this mega-drilling proposal. I would respectfully ask the Broomfield City Council, the COGCC and our State legislators to reconsider this proposal and the negative impacts to our community. Respectfully, Jesse Smith
12/04/2016	Aswin	Ramakrishnan	Yes	
12/04/2016	Shana	Foster	Yes	Please don't allow fracking anywhere near our homes in Anthem.
12/04/2016	Karen and Kerry	Turnquist	Yes	
12/04/2016	Jennifer	Huettl	Yes	We moved to Broomfield and Anthem because of th beautiful open spaces, good skills, safety, etc. we are very concerned and confused as to why 140 wells would even be considered next to residential neighborhoods. With a water reservoir next to them and a new school soon to be built we worry about the health and safety of our kids, the impact on our home value and quality of life with truck traffic and possibility of something going wrong. We have read about what Extraction has done in Greeley with false promises, unsightly walls and diesel truck traffic 50 ft from people's homes. We've read about trucks overturning near Brighton. A project on this scale next to residential homes cannot be allowed. Please consider reaching out to the attorneys working on the suit re: the Greeley site and fight this for the good of all of Broomfield
12/04/2016	Meredith	Townley	Yes	The drilling operation will greatly effect our wonderful neighborhoods. Please find a way to delay until there is an acceptable solution.
12/04/2016	Jeremy	Wilson	Yes	Moved from Weld county to get away from all the fracking. Now confronted with outrageous size fracking operation is so disgusting .
12/04/2016	Lynette	Kaylor	Yes	
12/04/2016	Amy	Starinieri	Yes	I am extremely opposed to further drilling in our neighborhoods. We live in the Broadlands and have an old well in our community that is still being "mitigated." The companies profiting from the drilling have no accountability for their environmental impact. I am unable to attend the meeting but I wanted to register my concern for the continuation of this drilling.
12/04/2016	Jaime	Strumberger	Yes	
12/04/2016	Debra	Osterhues	Yes	I do not approve of the fracking plans near Anthem Ranch. The proposed wells are too close to populated areas, and could make that area unsafe to live. Please reject the plans and look for other areas that are not near people. There is plenty of other areas that could be better.
12/04/2016	Michele	Goldman	Yes	This is a travesty and we need to protect our community and value. I cannot attend due to a conflict with work, but know that I do not want any part of this new proposal to effect my quality of life. Not part of the deal when I moved here

A. Has Extraction Oil & Gas who are proposing a major industrial complex adjacent to a housing development with (need number) of homes and (need number) residents been required to pay for an impact study? Experts performing this study should be independently hired by the City & County of Broomfield.

Will the impact study include:

1. The impact of truck traffic transporting water and sand during the production phase and product during the production phase. This study should look at traffic at all times of the day in relation to the existing traffic and current type of roadways. Discussions should include collaboration with the City & County of Broomfield transportation department, the State department of transportation, local and state police departments.

2. The impact of new heavy industrial complex on the safety of the surrounding area. Discussions should include collaboration with the Fire District Managers and the Police Chief/s. Issues to be discussed should include:

a) impact of increased safety issues on the City & County's police, fire and emergency services. Do the fire, emergency and police departments have the manpower, equipment and resources to deal with the safety and health needs of its citizens. If training, equipment and resources are needed who will pay for this?

b) what are the plans to deal with a toxic air leak or spill given that ____# of people live within 800 ft to 2miles and two schools within ____# of miles of this industrial complex.

c). has an emergency notification and evacuation plan been developed

3. An evaluation of the emergency plans for the local hospitals to deal with a toxic air leak or spill and do these hospitals have the manpower, resources, knowledge and equipment to deal with the emergency. If not who will pay for the training and We moved to Anthem to be in a safe, family-friendly community to raise our 17-month old son. If we had known there was a potential fracking project being proposed right down the street, we would have never moved here.

12/04/2016 Nancy Flanagan Yes

12/04/2016 James Kaylor Yes

12/04/2016 Karla Wood Yes

12/05/2016 Heather Matthews Yes

12/05/2016 Sharon Divjak Yes

Sharon and Zdravko Divjak strongly oppose Extraction Oil and Gas' plans to install any drilling operations in close proximity to the Anthem and Wildgrass communities.

12/05/2016 William Hall Yes

Please do all you can to make changes at the state level to stop reckless behavior the oil and gas companies take advantage of in our neighborhoods.

I'm very concerned about the overwhelming number of wells being proposed so close to a densely populated residential area. Its unacceptable and not at all what we agreed to when we moved our family to this area. I know I'm not alone. It would be a shame for the thriving city that Broomfield is now to turn into an industrial wasteland. There are such amazing developments popping up north of Denver. It would be a shame to lose our amazing community to them because our local government allowed the wells to move forward.

12/05/2016 Allie Carlson Yes

12/05/2016 Anuradha Rao Yes

I am not against fracking, but I am against the disruption of our lovely community by the enormity of this project and the amount of wells so close to houses, schools, open spaces that have been proposed. I do not want to see this happen in my community. Sincerely, Jennifer Reda

12/05/2016 Jennifer Reda Yes

I'm no "fracktivist" but the scale of the proposed drilling in such proximity to a residential neighborhood and proposed source of drinking water seems unprecedented. Actually it would seem to defy logic and good common sense. Please stop or scale back this plan.

12/05/2016 John Moran Yes

12/05/2016 Jeneane Lach Yes

12/05/2016 Kathleen Martinez Yes

12/05/2016 Thomas Rudd Yes

How did the proposal escalate to so many wells when this has never been attempted before?

Dear City Council, We appreciate your time and effort. Please relook at this project and realize this is going to affect not just Anthem, but all of Broomfield. We moved here due to the family nature of the area and this project is going to disrupt this and has the ability to hurt the lives of the families Broomfield.

12/05/2016 Frank and Nina Taylor Yes

Thank you for your consideration,
Frank and Nina Taylor

12/05/2016 Cynthia Rath Yes

12/05/2016 Kim Merrill Yes

Do not want drilling in this town.

12/05/2016 Darren Merrill Yes

Please, no drilling in our community. Let's do the right thing.

12/05/2016 Bob Rath Yes

12/05/2016 David Givens Yes

I wanted to make it in person tomorrow but I cannot attend due to a scheduling conflict

12/05/2016	Clare	Nordstrom	Yes	It is unacceptable to put so much extraction activity so close to several densely populated neighborhoods, and an eventual water reservoir. I do not believe that every possible area must be fracked.
12/05/2016	carol	ackerman	Yes	
12/05/2016	Michael	Mullin, Ph.D.	Yes	I chose to live in Broomfield because I was told it was a vibrant, health conscious city that was known for its responsiveness to the needs of its citizens. I ask the City Council to reject the plans of Extraction Oil to place 140 (or any) wells anywhere near our community. Please do not cave in to the demands (and misinformation) of BIG OIL. We elected you. Please protect OUR interests!
12/05/2016	Ariana	Trujillo	Yes	I support the moratorium on any changes to any oil and gas in Broomfield in order to give the city time to properly evaluate.
12/05/2016	Nicole	Roberts	Yes	
12/05/2016	Amy	Wilson	Yes	
12/05/2016	Lilly	Cao	Yes	
12/05/2016	Gary	Yost	Yes	My wife and I have been residents in Anthem Ranch for 10 years. We are extremely concerned with the scope of Extraction's plans to drill up to 120+ wells in very close proximity to where we live. In addition to the adverse affects fracking will have on property values, environmental (air & water) concerns and the severe impact on traffic, there is a relatively little known potential disaster for Anthem Ranch residents ... the network of coal mines under our community! Think of what drilling activity could do to the stability of the ground under our homes! We are against the proposed pads for the Anthem area. Please do all that you can to prevent future drilling development. Respectfully, Gary & Ann Yost
12/05/2016	Cynthia	Eccles	Yes	AS a resident of the community, a parent of two young children, and a teacher at Prospect Ridge Academy, I am appalled with the proposed fracking plans by Extraction Oil and Gas. They cannot, and should not, drill so close to a community that young children live and go to school. They seem to care more about the dollars in their pockets than the livelihood of the citizens.
12/05/2016	Antony	Alphonse	Yes	The community has many children. I am worried for their future.
12/05/2016	Elaine	Breslin	Yes	My husband and I cannot attend but we want to express that we do NOT agree with allowing this massive fracking so close to our homes. John C and Elaine L Breslin 16659 Antero St Broomfield, CO 80023
12/06/2016	Irene	Anderson	Yes	
12/06/2016	Steven	Anderson	Yes	
12/06/2016	John	Bultena	Yes	I would like to see a moratorium of at least 6 months to further study impact of these fracking sites. I live at 4844 Flash Ct. in Anthem. In general, I am opposed to this fracking and the associated traffic, noise, pollution, etc. Thanks-
12/06/2016	Gang	Cao	Yes	Fracking drill will inevitably generate irreversible damages to the community and health issues. That is why most European countries ban fracking drill. I strongly oppose the planned fracking drilling.
12/06/2016	Hua	Li	Yes	We want to urge Broomfield local government to stop this plan!
12/06/2016	Lois	Rosacker	Yes	
12/06/2016	William	Bacon	Yes	
12/06/2016	Kaitlin	Kultgen	Yes	
12/06/2016	Bonnie	Hicks	Yes	As a senior I have spent my life working to have a home in a good safe neighborhood. I feel this could jeopardize my health and property value. I hope you consider the well being of the families that live in the Anthem community. I thank you for your service and consideration of this serious issue.
12/06/2016	Lindsay	Weiss	Yes	Please trusted council officers, consider what allowing Extracrion to move forward with this project will mean for our community! I have 3 young girls who we have chosen to raise in Anthem because of the wonderful location, extensive trail and park system, and the closeness of open space. The potential health risks of having drilling sites so close to residential homes and our proposed school is teason enough to fight this projected project. We are also concerned about the light, sound and traffic pollution a project this size would create for our community. Please hear our pleas to help prohibit this project from occurring! Thank you for your time!
12/06/2016	Nicole	Phillips	Yes	Please, please, please limit the wells that go in close to residential areas.
12/06/2016	Tony	Bebber	Yes	I can't attend the event, however, I do not want fracking in the proposed well sites for Broomfield.
12/06/2016	Mary Jo	McVay	Yes	Thank you
12/06/2016	Deborah	Eidenshink	Yes	Anxious to see what can be done to stop the drilling all through our neighborhood. Just moved into brand new home in Anthem Ranch facing Lowell 5 months ago, unaware that this was a possibility. Now we don't know what to do!

12/06/2016

Derek

Malmgren

Yes

The scope of the oil and gas projects that are going in is entirely unacceptable. This project will require me to leave Broomfield for the safety of my families health and the value of my property. I am deeply disappointed that this was allowed to get to this point.



Eileen Albrecht <ealbrecht@broomfield.org>

Re: Extraction Oil and Gas and Proposed Lowell and Sheridan Pads

1 message

'Cristen Logan' via council <council@broomfieldcitycouncil.org>

Tue, Dec 6, 2016 at 3:24 PM

Reply-To: Cristen Logan <cristen.logan@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>, "rahrens@broomfieldcitycouncil.org" <rahrens@broomfieldcitycouncil.org>

Hello All,

I sent you an email last week and want to thank everyone that took the time to reply.

As I mentioned in my original correspondence, I can not come to the meeting tonight due to a work commitment planned months ago. I have spoken to others who can't come tonight because of job obligations, because of health issues, planned surgeries, and many people were torn about coming because of a date conflict with the Adams Five Star Kindergarten Orientation meeting tonight. All of these people said they were going to email you and the council directly to voice their concerns. That is a lot of emails!

So in an effort to assist, I created a site where people who could not attend tonight could RSVP virtually and leave comments for the council should they choose. I had 95 people take advantage of this site. I understand you wanted everyone to show up in person, but as you know, this is not always possible. **Even though we can't be there in person, we still have a voice and we want to be heard. I hope you will take our messages just as seriously if we were there in person.** And I hope being able to read through multiple messages in one place, at one time, helps lift some of the burden for you.

I have attached this information in a spreadsheet with everyone's messages and individual email addresses in case you want to respond to each and every person (I promise you, these ARE real people...feel free to double check!). I committed to keeping their emails private and only share them with the city council. So please, if you do a group response, hide the email addresses so that they are not shared within the group. I hope to uphold my promise and not have their personal email information released.

Council, thank you for your time. For your support. And for reading these messages people took the time to write.

With kindest regards,

Cristen Logan
15981 Williams Place (Lookout Village, Anthem Highlands)
970-471-9515
cristen.logan@yahoo.com

From: Cristen Logan <cristen.logan@yahoo.com>**To:** "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>; "rahrens@broomfieldcitycouncil.org" <rahrens@broomfieldcitycouncil.org>**Sent:** Tuesday, November 29, 2016 2:19 PM**Subject:** Extraction Oil and Gas and Proposed Lowell and Sheridan Pads

11(b) - Page 79

Hello Mayor and Council Members,

I wanted to attend the council meeting on December 6th to speak out against these proposed fracking sites, but unfortunately I have a previously scheduled work trip in place. So I decided to write instead.

As a mother and homeowner in Anthem Highlands, I am writing to voice my concern and objections to these proposed projects. The size and scope of these fracking sites will devastate this beautiful area. It puts a community at risk of exposure to contaminants that may cause short and long term health issues. It could be devastating to our property values. You all have done a wonderful job attracting new business to our area. A project like this could impede further economic growth. This affects ALL OF US.

When I first heard about fracking coming to our area, I was concerned. I attended the meeting hosted by Extraction Oil and Gas, and left with mixed feelings. The plan they spoke of was much smaller in scale. Only a few wells, they would be in and out in 6 months. I tried to look at it objectively, balancing the needs of energy growth with having this happen so close to where I chose to build a life. I was not totally on board with this plan, but I tried to have an open mind, after all fracking has been in this area for quite some time. And then everything changed. The proposed site changed from a few wells to industrial sized fracking pads. When all is said and done, we will have close to 80 wells within a mile of our homes, our playgrounds, our schools. Two years of round the clock drilling and exposure to air pollutants. A lifetime of risks of oil spills, water contamination, explosions. It is mind boggling how this is even possible. A fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

Like many people in this neighborhood, we have two small children. Emily just turned 4 and Charlie is a 18 months old. They love to play outside, especially in the parks in our neighborhood. They will both be attending the new elementary school in Anthem once it is built. I am scared this project could make my children sick, make me sick. There are no studies in place about the impact of a project this size on our health. There is no way to say with 100% conviction that our health will be protected. No one can promise me that an explosion won't happen while my kids play in the park 1000 ft from the drilling site. You can't promise me that an methane leak, or an oil leak won't happen. That our water won't be contaminated. You can't promise that we will be safe. No one can, because a fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

On top of these health and safety concerns, I am concerned about our investment in our home. Our life savings went into buying this home. We have saved and worked so hard to move to Broomfield to provide our children with a good schools, a safe community. We didn't just build a home in Anthem, we built the start of our life. Having TWO industrial sized fracking pads with in a mile of our home could negatively affect housing prices. You can't promise that we will be able to sell our home once these plans are common knowledge. You can't promise that we won't go upside down in our investment. No one can, because a fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

Thank you for your time in reading this. I will be attending future council meetings. I will stay involved, I will continue to speak out against this project. I will do this not only for the well being of my family, but also for the well being our our community, for Broomfield. I want to protect our legacy and keep Broomfield's designation as one best places to live in Colorado. I don't want Broomfield to be known as the town that was an amazing place to live...until oil and gas devastated it. Please help me in protecting our legacy, our community, for future generations.

Regards,

Cristen Logan
15981 Williams Place (Lookout Village, Anthem Highlands)
970-471-9515
cristen.logan@yahoo.com

 **Virtual-Broomfield-City-Council-Meeting--RSVP.xls**
63K



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking in Anthem

1 message

'Lynda Steinberg' via council <council@broomfieldcitycouncil.org>

Tue, Dec 6, 2016 at 3:10 PM

Reply-To: Lynda Steinberg <lyndapage@aol.com>

To: council@broomfieldcitycouncil.org

Dear mayor and Council Members.

I am horrified to learn that our communities are about to be brutally assaulted by Extraction Oil & Gas which proposes an oversized, in fact ENORMOUS, industrial operation which will last for 25 years, and which threatens to disrupt our lives in the Anthem communities. In my research I have yet to find reference to any sites that have more than 20 drill wells on a pad, yet here in Anthem the proposals are for 40 per pad.

My research has also revealed that ONE fracked well would require an average, in total (water, chemicals, wastewater, other materials, removal) of 1122 tanker truckloads into the well site. If the drilling were spaced out evenly over 25 years that would mean that there would be 7,140 truck trips per year, 137 truck trips per week, and 19.6 truck trips per day into our area. However, if the spacing is not even, and is more intense in some years than others, those numbers go way up.

I have also discovered that the 500 foot setback regulation may be easily negated in the case of an "active well." Such a well can be expanded to include multiple different drilling sites within the same well-pad. Thus, DRILL SITES THAT DON'T YET EXIST ARE GRANDFATHERED IN SO AS TO NULLIFY THE SETBACK REGULATION.

Simply on the basis of the facts above, and not even taking into account air and water quality, or quality of life in this community (where taxes are so high) we see ourselves at great risk.

How can we allow ourselves to be the victims of such a large scale operation, with no recourse for ourselves, our health, our environment and our property values????

Lynda Steinberg
Anthem Ranch



Eileen Albrecht <ealbrecht@broomfield.org>

Dec 6, 2016 Council Meeting

1 message

Krista Powell <limegreenfrog@me.com>
To: council@broomfieldcitycouncil.org

Tue, Dec 6, 2016 at 2:22 PM

Hello,

I am unable to attend tonight's meeting, but I am writing to express my support for Ordinance No. 2038 Imposing a Temporary Moratorium until June 13, 2017 on the Processing and Approval of any Application for a Permit or Land Use Approval Related to the Operation of a Business Engaging in Oil and Gas Production and Prohibiting the Conduct of Drilling for Oil and Gas or Conducting Hydraulic Fracturing Operations During the Moratorium, so that the City and County May Evaluate Whether to Adopt Updated Regulations.

As a Broomfield resident, I am very concerned about the prospect of being forced pooled, raising a family near these drilling sites and the long term health effects of exposure to the chemicals near the site (not to mention the negative impact on our housing prices).

Thank you,

Krista Powell

5023 Silver Feather Way

Sent from iCloud



Eileen Albrecht <ealbrecht@broomfield.org>

No fracking or drilling

1 message

Erin Green <egreen@scrumalliance.org>

Tue, Dec 6, 2016 at 12:54 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Cc: "jhoffman@broomfield.org" <jhoffman@broomfield.org>

Hello,

I'm attempting to submit a vote of "yes" for the moratorium on drilling. I am a Broomfield resident, but will most likely not be able to attend the meeting this evening. I found a notification about this vote on Facebook.

Please keep drilling away from our homes and schools and please adopt the proposed moratorium. I have concerns about the pollution, noise, and quality of life impacts of large-scale residential drilling and I am asking the Council to make a plan for the long-term protection of the community.

Thank you,

--

Erin Green, CSM

Legal and Administrative Coordinator

P 1-855-GO SCRUM ext 2197

egreen@scrumalliance.org | scrumalliance.org

Twitter | Facebook | LinkedIn | YouTube



Register today for the Global SCRUM GATHERING® San Diego 2017 - **#SGCAL**

Save your spot for the Global SCRUM GATHERING® Singapore 2017 - **#SGSIN**

Announcing the Global SCRUM GATHERING® Dublin 2017 - **#SGDUB**



Eileen Albrecht <ealbrecht@broomfield.org>

Resident Concern regarding Oil and Gas Development in our city

1 message

'Andy Kramer' via council <council@broomfieldcitycouncil.org>

Tue, Dec 6, 2016 at 12:31 PM

Reply-To: Andy Kramer <andytkramer@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Cc: Andy Kramer <andytkramer@yahoo.com>, Kevin Kreeger <kevinmichaelkreeger@gmail.com>

Ladies and Gentlemen:

This past summer I attended an informational seminar at Anthem Highlands, given by the energy developing company intending on drilling fracking wells south of the Anthem Ranch and Anthem Highlands neighborhoods.

At that time, we were assured that limiting drilling operations to 4 or 5 pads would be a good way to go with fracking. We were told that fewer drilling pads meant less disruption to the surrounding neighborhoods.

However, we, to the best of my knowledge were not told of how many total wells would be drilled at these pad locations. The *Broomfield Enterprise* has reported tens of wells at each of these pads. Even mayor Randy Ahrens, in this *Broomfield Enterprise* article expressed dismay at the number of wells being drilled.

I now feel that the energy developing company did not make full disclosure of pertinent details, and that the presentation lacked transparency.

Therefore, I am writing today to request an immediate moratorium on fracking in our City and County of Broomfield. The health and safety of our residents is of utmost concern and until scientific studies can be done and prove it will not have ill effects on the health of our citizens, I ask that you implement an immediate moratorium on fracking and do not approve any more gas well permits.

Sincerely,

Andy Kramer
4252 Corte Bella Drive
Broomfield, CO 80023
Anthem Ranch



Eileen Albrecht <ealbrecht@broomfield.org>

Resident Concern regarding Oil and Gas Development in our city

1 message

jmengelstad via council <council@broomfieldcitycouncil.org>

Tue, Dec 6, 2016 at 11:16 AM

Reply-To: jmengelstad@aol.com

To: council@broomfieldcitycouncil.org

I am writing today to request an immediate moratorium on fracking in our City and County of Broomfield. The health and safety of our residents is of utmost concern and until scientific studies can be done and prove it will not have ill effects on the health of our citizens, I ask that you implement an immediate moratorium on fracking and do not approve any more gas well permits.

PLEASE do not allow fracking in Broomfield. Many of us worked really hard to get a moratorium on the ballot, and the voters approved it. If you are truly speaking for Broomfield residents, you will not allow fracking in Broomfield neighborhoods.

Judy Engelstad
16631 Las Brisas Dr
Broomfield
Anthem Ranch

Please don't Frack Broomfield

Inbox x

Received Dec 6, 2016

'Nushin Farjadi' via council

7:47 AM (49 minutes ago)

to council

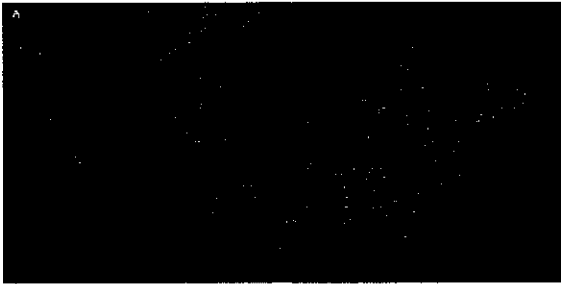
Dear Broomfield Council members,

Please help protect Broomfield where livelihood and health are in danger by potential Fracking sites.

Our kids are already coming down with respiratory problems due to oil and gas drilling at neighboring counties at an alarming rate (see recent Denver Post article).

Also see how we are all affected in Colorado on this map!

[National Map](#) | [The Oil & Gas Threat Map](#)



National Map | The Oil & Gas Threat Map

Interactive map shows the millions of homes, schools and hospitals threatened by oil & gas air pollution. FI...

Our shared water supply will be endangered, our growing fields and gardens will be tainted affecting our food system and health.

Also we in Colorado just don't have 130,000 Barrels of water to use on each well every time!

Thanks you

Nushin Farjadi

Broomfield Grange - Overseer



Eileen Albrecht <ealbrecht@broomfield.org>

O&G Moratorium

1 message

Liz Fisher <elisabethsfisher@gmail.com>

Tue, Dec 6, 2016 at 7:44 AM

To: council@broomfieldcitycouncil.org

Mayor and Councilors,

I was shocked to learn the extent of Extraction's plans for Broomfield and urge you to take decisive action by approving a 6 month O&G moratorium, to fully explore the implications and options.

Your constituents, who previously voted in favor of a fracking ban, need you to stand up for their health, safety and well being, now more than ever.

As a resident of nearby Erie, I know all too well how aggressive the oil and gas industry is. I also know the pollution created by fracking operations in my town has an effect on surrounding communities. Basically, we're all in this together, for better or worse.

Please, let's do whatever we can to make it better.

Respectfully,

Liz Fisher
Erie



Eileen Albrecht <ealbrecht@broomfield.org>

Fwd: Concerns over Extraction project

1 message

Randy Ahrens <rahrens@broomfieldcitycouncil.org>
To: council <council@broomfieldcitycouncil.org>

Mon, Dec 5, 2016 at 9:33 PM

Another letter to consider.

Randy Ahrens**Mayor**City & County of Broomfield Colorado
303/438-6382 { City }
303/469-1498 { Home }
303/466-8676 { Work }

----- Forwarded message -----

From: **Ken Reindel** <ken@kenclockclinic.com>
Date: Mon, Dec 5, 2016 at 9:24 PM
Subject: Concerns over Extraction project
To: rahrens@broomfieldcitycouncil.org
Cc: Randy Ahrens <randy@frontiercomponents.com>

Dear Mr. Mayor,

I wanted to document my technical and scientific concerns over the proposed expansion by Extraction Oil and Gas to 140 wells, given its close proximity to Broomfield, CO and the Anthem communities.

Please see attached.

Kind regards,
Ken Reindel
16011 Lookout Pt.
Broomfield, CO 80023**Extraction Oil and Gas Fracking Project 12-16.docx**

143K

Dear Mayor,

We've had a few discussions regarding my concerns about the upcoming plans to develop a large-scale fracking facility around the grounds here in Anthem Highlands and surrounding neighborhoods of Broomfield, Colorado. I remain convinced that this needs to be explored scientifically—and by the numbers--before work is started on this project for the safety and well-being of the residents of both Anthem and Broomfield more broadly.

Originally (May 2016 Council meeting) this site plan was described as having 22-24 wells. In more recent plans described by Extraction Oil and Gas (October 2016), the target is now for 140 wells. When pressed for details during the October meeting, representatives of Extraction were unable to identify a similar site anywhere in the USA, which parallels this in magnitude and scale, let alone in proximity to a large population of residential homes.

For these reasons the scale of this project needs to be evaluated for its impact to our communities.

1. Potential water contamination needs to be studied. Extraction could provide no comparative data around the likelihood of ground water contamination for this ultra large-scale project. In the planned location, ground water contamination will, in very high likelihood, cause contamination of the ponds surrounding Anthem, as well as the planned Broomfield reservoir. It is in our best interests to request a scientific study given the revised magnitude of the proposed project.

Example 1: Extraction was unable to offer a number for level of containment of both fracking fluid and well by-product. We calculate that for 140 wells, 420 million gallons of water/fracking fluid mix will be forced into the grounds around these wells and into our neighborhoods. We know from basic engineering principles that some small amount of material will leak out. The number is NOT zero; it never is. Even if 10 parts per million (a relatively small trace—0.001%) of material leaks out, we end up with 4,000 gallons of undesirable material finding its way into the local ponds and reservoirs. This will pose an unquestionable risk to residents and wildlife residing there. A typical pond in this area is roughly 40,000 gallons. This contamination would represent 10% pollution of these ponds, which would with utmost certainty kill all wildlife in these ponds.

If someone were to go to every Home Depot in the Denver area and buy every gallon of xylene, anti-freeze, paint thinner, acetone and lacquer thinner from their shelves and pour them into our ponds, it would do orders of magnitude less damage than this level of leakage from these wells. Again, this is based on trace levels of leakage.

All of the ponds surrounding Anthem are interconnected. If one is contaminated, they will all eventually be. No amount of remediation will be rapid enough to reverse the damage.

Further, this water is used to irrigate the common grounds around Anthem. This is where children play and folks enjoy outdoor activities. This would be a disaster.

Example 2: Extraction provided data that they could contain VOC escapes to 98%. This leaves 2% finding its way into our communities? A typical methane/natural gas well produces 2 million cubic feet of product per day. At 98% containment, this leaves an escape level of 40,000 cubic feet per well, and for 140 wells this is 5.6 million cubic feet per day escape in a relatively contained area. That's enough to fill 10 football fields per day to a height of 10ft. We would certainly want to know if these numbers are accurate, and if not, what escapes we should expect from these wells. Methane is odorless, colorless and life threatening to breathe. It is highly flammable. It hovers near to the ground. These characteristics are well documented as having combined in the past with devastating impacts to people.

If these numbers are accurate, these escapes also pose hazards to those using E-470 and Northwest Parkway—and perhaps I-25.

With respect to the above, it was perhaps tangible to understand how 22-24 wells might be managed, albeit a challenge. But now that this project has been expanded to 140 wells, the need for scientific data has expanded. It may be possible that given the close proximity of these wells, this project cannot be constructed with any safety margin.

It would be reasonable given the expanded scope of this project for Extraction to produce data as assurance to residents, local, and state governments that their intentions are well analyzed and the consequences well understood. If they are truly interested in being a good neighbor, they need to follow through on these requests.

None of the above includes the likelihood of an accident, and Extraction is certainly not exempt from this likelihood as their track record shows. One study shows that at least 1 out of every 200 wells suffers a very significant spill or similar accident. If 140 wells are constructed in close proximity, our chances of some kind of significant, measurable accident affecting this community is 140/200 or 70% likelihood of an accident occurring on this project.

Ken Reindel



Eileen Albrecht <ealbrecht@broomfield.org>

Please pass a moratorium on fracking in Broomfield

1 message

'Elizabeth Moura' via council <council@broomfieldcitycouncil.org>

Mon, Dec 5, 2016 at 7:30 PM

Reply-To: Elizabeth Moura <elizabethemoura@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Dear City Council Members:

I would like to express my disbelief on Extraction Oil and Gas' plans for all the wells adjacent to the Anthem and the Wildgrass neighborhoods. I am highly concerned for the health of my family from the emissions of these proposed wells, not to mention, our property values, the risk of leaks and injury and the undue burden this will place on our City.

I would like to highly urge you to pass a moratorium until a better understanding of the health effects is gained from having all these wells next to our neighborhoods, schools and water sources.

Please pass the moratorium!

Elizabeth Moura

Ward 5

Broomfield



Eileen Albrecht <ealbrecht@broomfield.org>

Letter in support of Moratorium

1 message

Kyle Roth <kyleroth7@gmail.com>
To: council@broomfieldcitycouncil.org

Mon, Dec 5, 2016 at 6:33 PM

Dear Council Members,

I'm writing to show my support for the 6 month moratorium. The proposal to bring over 100 wells in close proximity to a highly dense residential neighborhood is UNCONSCIONABLE!

I recently traveled around Erie with a group called Earth Works that videos the VOC (Volatile Organic Compounds) being emitted from active wells. What I saw was not only eye opening, it was terrifying. This heavy industrial activity should be nowhere near homes, schools and parks. I've attached a video that was taken from a well in Erie that was drilled in the 1980's. This well does not emit anywhere near the amount of a newly drilled well. What you're seeing is NOT heat, its harmful emissions that are being emitted 24/7 for the life of the well.

Please do the right thing and vote in the moratorium and show that you stand with not only the residents of Broomfield, but the people of Colorado.

Thank you,

Kyle Roth
<https://www.youtube.com/watch?v=SEhoK8WT9zI>



Eileen Albrecht <ealbrecht@broomfield.org>

no on fracking in broomfield

1 message

jenifer harrington <jenifer@photojen.com>
To: council@broomfieldcitycouncil.org

Mon, Dec 5, 2016 at 12:11 PM

hi there-

i won't be able to attend tomorrow's meeting, but wanted to weigh in... i am not in favor of fracking in broomfield.

thank you-

jenifer harrington
14044 park cove dr.
broomfield, co 80023

303-587-7617



Eileen Albrecht <ealbrecht@broomfield.org>

Anthem

1 message

Lisa Oths <lisawedeloths@gmail.com>
To: council@broomfieldcitycouncil.org

Fri, Dec 2, 2016 at 8:52 AM

Dear City Council Members,

As a brand new resident of the Anthem community I am extremely concerned to learn of the planned fracking by Extraction Oil and Gas. The health and safety of the children of Broomfield should be a priority for us all. Fracking under this neighborhood is not safe for the health of the many children living and attending school there.

Please protect the children in this neighborhood. I am open to learning what else I can do as a resident.

Sincerely,
Lisa Oths
16106 Williams Place
Broomfield, CO 80023

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

Oil Wells and My New House

1 message

Jane Howard <heyjanehoward@gmail.com>

Wed, Nov 30, 2016 at 9:26 AM

To: council@broomfieldcitycouncil.org

Cc: Randy Howard <howardrb@bellsouth.net>, Randy Howard <randy@bolderbiopath.com>, Lou Scirrotto <louie@scirrotto.com>, Kristin Davinroy <kristinanne.davinroy@calatl.com>

Good morning,

I am very concerned because I just learned that the brand new house we are getting ready to close on (and have waited 1-1/2 to have completed) in Anthem is threatened by gas wells.

We are nearing retirement and our home is our only investment for the future. Those gas wells will seriously affect the resale value of our home. Also, the operation will be not only an eyesore, but a detriment to our health and safety. It puzzles me that, as controlling county/city as Broomfield is as to the color palette of the exterior color of our home, it is so cavalier about something like gas wells.

I am urging you to please do all you can to reverse this decision. **Meanwhile, can someone reply to this email to provide an update as to this project so my husband and I can make an informed decision about backing out of our contract (and losing our \$10,000 deposit)?** Thank you.

Best,
Jane Howard
404.452.9551



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil and Gas and Proposed Lowell and Sheridan Pads

1 message

'Cristen Logan' via council <council@broomfieldcitycouncil.org>

Tue, Nov 29, 2016 at 2:19 PM

Reply-To: Cristen Logan <cristen.logan@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>, "rahrens@broomfieldcitycouncil.org" <rahrens@broomfieldcitycouncil.org>

Hello Mayor and Council Members,

I wanted to attend the council meeting on December 6th to speak out against these proposed fracking sites, but unfortunately I have a previously scheduled work trip in place. So I decided to write instead.

As a mother and homeowner in Anthem Highlands, I am writing to voice my concern and objections to these proposed projects. The size and scope of these fracking sites will devastate this beautiful area. It puts a community at risk of exposure to contaminants that may cause short and long term health issues. It could be devastating to our property values. You all have done a wonderful job attracting new business to our area. A project like this could impede further economic growth. This affects ALL OF US.

When I first heard about fracking coming to our area, I was concerned. I attended the meeting hosted by Extraction Oil and Gas, and left with mixed feelings. The plan they spoke of was much smaller in scale. Only a few wells, they would be in and out in 6 months. I tried to look at it objectively, balancing the needs of energy growth with having this happen so close to where I chose to build a life. I was not totally on board with this plan, but I tried to have an open mind, after all fracking has been in this area for quite some time. And then everything changed. The proposed site changed from a few wells to industrial sized fracking pads. When all is said and done, we will have close to 80 wells within a mile of our homes, our playgrounds, our schools. Two years of round the clock drilling and exposure to air pollutants. A lifetime of risks of oil spills, water contamination, explosions. It is mind boggling how this is even possible. A fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

Like many people in this neighborhood, we have two small children. Emily just turned 4 and Charlie is a 18 months old. They love to play outside, especially in the parks in our neighborhood. They will both be attending the new elementary school in Anthem once it is built. I am scared this project could make my children sick, make me sick. There are no studies in place about the impact of a project this size on our health. There is no way to say with 100% conviction that our health will be protected. No one can promise me that an explosion won't happen while my kids play in the park 1000 ft from the drilling site. You can't promise me that an methane leak, or an oil leak won't happen. That our water won't be contaminated. You can't promise that we will be safe. No one can, because a fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

On top of these health and safety concerns, I am concerned about our investment in our home. Our life savings went into buying this home. We have saved and worked so hard to move to Broomfield to provide our children with a good schools, a safe community. We didn't just build a home in Anthem, we built the start of our life. Having TWO industrial sized fracking pads with in a mile of our home could negatively affect housing prices. You can't promise that we will be able to

sell our home once these plans are common knowledge. You can't promise that we won't go upside down in our investment. No one can, because a fracking site this large so close to a neighborhood is unprecedented. Please do not let us be the test community for such a large site!

Thank you for your time in reading this. I will be attending future council meetings. I will stay involved, I will continue to speak out against this project. I will do this not only for the well being of my family, but also for the well being our our community, for Broomfield. I want to protect our legacy and keep Broomfield's designation as one best places to live in Colorado. I don't want Broomfield to be known as the town that was an amazing place to live...until oil and gas devastated it. Please help me in protecting our legacy, our community, for future generations.

Regards,

Cristen Logan
15981 Williams Place (Lookout Village, Anthem Highlands)
970-471-9515
cristen.logan@yahoo.com



Eileen Albrecht <ealbrecht@broomfield.org>

Stop Fracking in Broomfield

1 message

Nancy Roberts <nancyxroberts@gmail.com>

Fri, Nov 25, 2016 at 6:20 PM

To: council@broomfieldcitycouncil.org

As former residents of Greeley, we moved to Broomfield to escape the damage of fracking to our land and our city. Fracking companies came to Greeley. They were given police escorts all over town and we were threatened with arrest if we didn't allow fracking companies onto our land. Oil & Gas has a history of bribing city officials, behaving in ways that are completely contrary to the "agreements" they have made with the city/county. No consequences. On top of police and city official corruption, we began experiencing earthquakes. Yes, earthquakes. It isn't surprising if you realize what fracking actually does to the land.

(Try taking hose and let water run at the bottom of an ant hill and see what happens to that ant hill.) As soon as residents started to see land damage and worked together to try to sue, the fracking companies declare bankruptcy and leave the land and residents trashed. They simply form new fracking companies and move on down the road to another city/county. They've been doing this all over Wyoming, Colorado, the Dakotas, etc.

Sadly, Broomfield is now allowing the same behavior from Extraction Oil & Gas here in Wildgrass, Anthem Ranch and Anthem Highlands. You have been ELECTED to serve and protect the interests of the people and lands of Broomfield. It is your responsibility to take action against Extraction when they have violated agreements.

What did Extraction do in East Greeley? In the Triple Creek neighborhood there, Extraction's initial promises of a pipeline have been withdrawn. Extraction now claims that the price of oil is currently too low to fund the pipeline project there. Last Friday the Triple Creek neighborhood filed a lawsuit against the COGCC (Colorado Oil and Gas Conservation Commission) for not following their own rules (e.g., newly amended "best practices" that are now called for when oil and gas companies want to establish operations near residential neighborhoods). Who runs the COGCC? Perhaps it should be no surprise: People trained by the oil and gas industry.

How is the Triple Creek situation similar to where we live here in north Broomfield? For starters, our neighborhoods are the second residential-area drilling project application filed by Extraction since the COGCC amended it's drilling guidelines in early 2016 regarding residential fracking. And, just like with Greeley, they are not adhering to best practices.

What are these "best practices?" Among these are "alternative location studies" that are to be conducted as well as the use of pipelines. Like with Triple Creek, Extraction initially said at the first Anthem Highlands meeting that they were in the process of getting leases to build a pipeline. At the second Highlands meeting in late October, NO pipeline had been approved and we were told flagman would handle the truck traffic. Now, if that maybe isn't so much a bait-and-switch, consider **Extraction's presentation to our neighborhoods and their PowerPoint. This document reports proposed well numbers inline with what they initially told the mayor and the city council. The PowerPoint indicates 8-12 wells per pad.**

The most recent proposals call for 40 wells per pad at each of three pad locations: 1) Lowell (NW corner of Sheridan and Lowell); 2) Sheridan (160th Ave precisely 866 feet east of the closest Highlands residence in Lookout Village); and, 3) the Huron pad (on 160th in-between Sheridan and Huron). And, then, 4) another 20 wells at the United Pad (on 160th opposite Costco). With no pipeline, the amount of trucks will be INSANE; and, don't forget, drilling would take place off-and-on for 25+ years or as long as the shale formation is producing minerals.

What will be the immediate conduit for all of this truck traffic? 160th Avenue from Lowell eastward (and let's not forget the short stretch of Lowell that will be backed up (yes, this includes the bridge over the Northwest Parkway). How many trucks exactly? Consider that the Triple Creek neighborhood is facing 22 wells while the Lowell and Sheridan pads, alone, would have a total of 80 wells plus the required separator tanks. With no pipeline, that's 160+ total tanks straddling the Anthem Highlands area of Lookout Village (just north of 160th and just south of Prebble Creek Parkway).

Again, you have been elected to serve the people of Broomfield, not Extraction. If you do not act in the best interests of the people of Broomfield, we can only assume you have been bought and paid for by Extraction.

We will await your prompt actions on this issue.

Thank you,

Nancy Roberts

Wildgrass of Broomfield Resident



Eileen Albrecht <ealbrecht@broomfield.org>

Oil & Gas Extraction

1 message

Joyce Bennis <joycemb@me.com>
To: council@broomfieldcitycouncil.org

Thu, Nov 24, 2016 at 3:07 PM

I am interested to hear your thoughts on the pros and cons of the proposed Extraction Gas & Oil activities near Anthem Ranch. In particular, I'm concerned about reported changes in the plans to provide a pipeline but rather to rely on trucking to transport product. Please let me know your views and your plans for how to manage this activity to protect the interests of all homeowners in the area.

Best,

Joyce M. Bennis

Joyce@Beedie.com

15837 Esprit Run

Broomfield, CO 80023



Eileen Albrecht <ealbrecht@broomfield.org>

Fwd: Oil wells?

1 message

cschumacher <cschumacher@broomfield.org>

Mon, Nov 21, 2016 at 8:34 AM

To: Eileen Albrecht <ealbrecht@broomfield.org>

Hi Eileen,

Would your office be the appropriate office to respond to this e-mail? If so, could you please respond to darcyzone@gmail.com and cc me with the response? If not, do you have suggestions as to who should respond?

Thanks,

Carla

On Saturday, November 19, 2016 at 9:37:18 PM UTC-7, darcy landis wrote:

I want to know what can be done about the huge number of oil/fracking wells being put in. I feel that all residents moving in should have been aware of this. I would not have moved to this beautiful city if I had been aware. I moved here for the great people, convenient location and beautiful open spaces. I just signed a solar project for my house. I feel offended that my family's health and the beauty of this city are being assaulted and I want to know how to stop it.

Sent from my iPhone



Eileen Albrecht <ealbrecht@broomfield.org>

Re: City and County of Broomfield - Response to Oil and Gas Concerns

1 message

Amhere@comcast.net <amhere@comcast.net>

Tue, Nov 15, 2016 at 4:29 PM

To: Eileen Albrecht <ealbrecht@broomfield.org>

Thank you for your response and the information as to the increase in the amount of harmful industrial practices in Broomfield.

As a resident and taxpayer in Broomfield I am appalled that these new negotiations are acceptable.

You are all responsible for representing the people of Broomfield including the health and safety of your citizens.

In light of the latest peer review study from Yale which came out after the Colorado Supreme Court decision and known causes of human illnesses that can no longer be denied I am saddened that you will choose economics over human life and health.

You are all responsible for forever changing the life that we have come to enjoy in Broomfield. For when these wells go in you will see that we can never get that life back.

I am AnnMarie Cleary of 1175 Fern Street in Broomfield Colorado and I want to state to you for public record and future reference that I do not support the industrial processes of fracking in Broomfield and I hereby state my wish to reconsider what you are doing.

Sincerely,

AnnMarie Cleary

Sent from my iPhone

On Nov 15, 2016, at 3:17 PM, Eileen Albrecht <ealbrecht@broomfield.org> wrote:

We want to thank you for your comments and concerns. In response to your email, please see the attached letter from Charles Ozaki, Broomfield City and County Manager.

Regards,

<Signature2.jpg>

<Oil and Gas.pdf>



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas proposal for Broomfield

1 message

Karl F. Anuta <Karl.Anuta@comcast.net>
To: matt.lepore@state.co.us, council@broomfieldcitycouncil.org
Cc: info@extractionog.com

Wed, Nov 16, 2016 at 8:02 AM

LAW OFFICES OF

KARL F. ANUTA

Post Office Box 1001

Boulder, Colorado 80306-1001

303-588-9267

Karl.Anuta@Comcast.Net

November 16, 2016

Broomfield City & County Council

Colorado Oil and Gas Conservation Commission

Re: Extraction Oil & Gas proposal for Broomfield

Gentlepersons:

Because I have a modest background in the oil industry I was asked by Barbara Farhar, a resident homeowner in Anthem Ranch, to comment on the proposal submitted by Extraction Oil & Gas LLC regarding the Plan of Development for the Broomfield Project (the Plan). I was asked because I was employed in the oil and gas industry for more than 2 decades, representing two small independent producers, and subsequently, until my retirement in 2010, I occasionally represented private land owners and others in oil and gas matters.

The Plan proposes shutting in and plugging several wells and consolidating production onto 4 new well pads, including a pad at the southwest corner of Lowell Blvd. and the Northwest Parkway (the "Lowell Pad"). From the information provided by Extraction, the Lowell Pad will ultimately contain 40 vertical wells. From each of these 40 wells they will drill and frac one or more horizontal laterals.

The Lowell Pad seems to be about 10 acres in size, or about 660 ft. on a side. To fit 40 wells on 10 acres the wells would need to be no more than 95 feet apart. However that leaves no space for derricks, tanks, equipment, trucks, etc.. In fact the wells would be much closer together - perhaps 30 ft. or less. I do not believe any company in Colorado has drilled that many wells that close together. Extraction acknowledges that the largest pad of which they have knowledge is 11 wells. The risk that a tragic accident could occur, especially during continued drilling after production casing has been set and equipment installed for dozens of prior wells, seems significant and highly probable. Even the best available technology is unlikely to prevent a loss.

Should such an accident occur it is well to keep in mind that the Lowell Pad is less than 1000 ft from a planned Broomfield water reservoir. Even if the water level is higher in elevation than the pad there will still be unavoidable subsurface leakage from drilling fluids and normal spills.

Also, the Lowell pad is about 1200 ft from the picnic and playground area diagonally across the Parkway. That playground is dramatically lower than the Lowell Pad adding to the danger. And the Lowell Pad is less than 1000 ft. from the homesites in Anthem Filing #2.

The source of the necessary water for drilling and fracking 40 wells is unclear as is the means of bringing it to the site. Broomfield's water is far too valuable. Use of a canal or pipeline to bring water from a remote source has been suggested but that seems highly unlikely. Tank trucks will most likely be needed.

Likewise the disposal of the waste water from drilling and fracking is not clear. Again, movement by canal or pipeline seems unlikely and tank trucks will be needed. The recent earthquakes near Greeley (and in Oklahoma) should make it obvious that no disposal wells for fracking fluids should be drilled in this area. Will other counties continue to accept waste water and fracking fluids from Broomfield's wells?

The route of the numerous trucks and tankers to (and from) the Lowell pad has not been discussed. The effect upon the condition and future maintenance of Broomfield's roads could be severe.

Finally, Extraction claims that, based on a study from Weld County, one well will affect home values by less than one percent. Using only the Lowell Pad of 40 wells this suggests that there may be a 40% decline in the value of the homes in Anthem and other adjacent areas! Even assuming the estimate is wrong by a large factor, does Broomfield City/County want this development to lose 25% or more in its assessed and taxable value?

Forced pooling has been mentioned, but it is a non-issue having been decided by the courts long ago. Hydraulic fracturing has also been decided. In this discussion they are merely distractions.

Of far greater significance is the cumulative impact of this proposal upon the adjacent properties and upon the greater Broomfield community. Reworking of the existing wells may be a safer alternative.

These comments are based upon the information which Extraction provided at the public meetings on October 25 and 26 and Extraction's "Plan of Development for the Broomfield Project."

Yours truly,

/s/ Karl F. Anuta

Karl F. Anuta

Electronic and regular mail to:

Colorado Oil & Gas Conservation Commission

Attn. Matt Lepore, Director

1120 Lincoln St., Suite 801

Denver, CO 80203

matt.lepore@state.co.us

Broomfield City Council

City & County Building

1 DesCombes Dr.

Broomfield, CO 80020

council@broomfieldcitycouncil.org

Cc: Extraction Oil & Gas LLC
370 17th Street, Suite 5300
Denver, CO 80202
info@extractionog.com

Barbara C. Farhar, Ph.D.

15950 Vermillion Way

Broomfield, CO 80023



Eileen Albrecht <ealbrecht@broomfield.org>

Fwd: Extraction Oil & Gas - Sheridan and Lowell pads

1 message

Charles Ozaki <cozaki@broomfield.org>
 To: Eileen Albrecht <ealbrecht@broomfield.org>

Tue, Nov 8, 2016 at 11:08 PM

Begin forwarded message:

From: Pat Gilbert <pgilbert@broomfield.org>
Date: November 8, 2016 at 8:22:54 AM MST
To: Kevin Standbridge <kstandbridge@broomfield.org>, Charles Ozaki <cozaki@broomfield.org>
Subject: Fwd: Extraction Oil & Gas - Sheridan and Lowell pads

Another citizen message.

----- Forwarded message -----

From: Jennifer Crump-Bertram <jennifer@gda-advertising.com>
Date: Fri, Nov 4, 2016 at 2:31 PM
Subject: Extraction Oil & Gas - Sheridan and Lowell pads
To: pgilbert@broomfield.org

Mr. Gilbert,

Our grave concerns relate to the Sheridan and Lowell pads planned development by Extraction Oil & Gas in Broomfield, CO.

There has not been sufficient research to definitively conclude that fracking is entirely safe especially given the planned scope.

The proximity of these large scale fracking sites to residential neighborhoods is unprecedented and irresponsible. Just because they can, doesn't mean they should.

Furthermore, forced pooling by oil and gas should not be allowed when oil and gas have less than 50 percent of the mineral rights, as is the case in Broomfield.

We just invested in our home here in Anthem Broomfield, a community in which we planned to raise our young children.

I, nor any of the other residents signed on for the years of daily construction traffic, noise and (air, water, noise, light) pollution this project will entail. Nor the potential ground fissures in already precarious soil.

Safety of this project is a great concern. What are the plans for initial and follow-up monitoring? From my research this has not been determined. Who protects our water and air for the duration of development and for the next 25 years of extraction? Who notifies us when there's a concern so we can protect ourselves? Why are we allowing them to drill not only under our homes, but under a pre-k-8 school, playgrounds and adjacent a water reservoir?

Despite having just moved to Broomfield (lived in CO all my life), we are very seriously considering moving if these projects go through anywhere near their proposed 80 wells. This is an unprecedented number of wells (who's scope has dramatically increased over the last 2 years) and there are two of them planned for this one neighborhood!

I implore you to look out for our health and wellbeing.

Respectfully,

Jennifer Crump-Bertram
Concerned Anthem Broomfield resident less than 1 mile from the proposed wells.



This email has been checked for viruses by Avast antivirus software.
www.avast.com

—
Patricia W. Gilbert
Deputy City and County Attorney
City and County of Broomfield
One DesCombes Drive
Broomfield, Colorado 80020
Ph: 303-464-5806
Fx: 303-464-5849
pgilbert@broomfield.org



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Eileen Albrecht <ealbrecht@broomfield.org>

Fwd: North Broomfield Fracking Near Anthem Residential Community

1 message

Charles Ozaki <cozaki@broomfield.org>
To: Eileen Albrecht <ealbrecht@broomfield.org>

Tue, Nov 8, 2016 at 11:08 PM

Begin forwarded message:

From: Pat Gilbert <pgilbert@broomfield.org>
Date: November 8, 2016 at 8:21:22 AM MST
To: Kevin Standbridge <kstandbridge@broomfield.org>, Charles Ozaki <cozaki@broomfield.org>
Subject: Fwd: North Broomfield Fracking Near Anthem Residential Community

FYI. Message I received as COGCC LGD.

----- Forwarded message -----

From: Julie Kehrer <julie.kehrer@gmail.com>
Date: Fri, Nov 4, 2016 at 9:14 AM
Subject: North Broomfield Fracking Near Anthem Residential Community
To: pgilbert@broomfield.org

Hello!

From information I received from COGCC, I understand that you are the Local Government Designee ("LGD") for the COGCC. I hope that is correct.

First, let me start out by saying that I am pro-fracking and pro-domestic sources of energy. However, I also believe we have an obligation to the land and people that make up the United States, and specifically Colorado, to take advantage of domestic drilling opportunities in a reasonable and responsible manner.

Second, I am not an expert in fracking, but I have done enough research on my own to understand the pros and cons. And given all of that, again, I am still pro-fracking.

Finally, before I became aware of this issue, I never contacted anyone in local, state or federal government or regulatory agencies about anything - ever. So this is new for me and I hope you understand that I come to you with the utmost respect for your expertise and the execution of your individual responsibilities within the Broomfield government.

With that said, following are my concerns about the proposed fracking sites in North Broomfield near the Anthem Residential Community:

I am a resident of the Anthem Highlands Residential Community located in North Broomfield. I have recently learned that Extraction Oil & Gas has plans to drill 140 wells on 4 pads near our neighborhood. Two of these pads will be located next to Anthem and within 1000 feet of several homes, and otherwise, in very close proximity to the neighborhood in general, local schools, parks, reservoirs, and planned retail and business developments along Highway 7, Sheridan, Huron, and Lowell. It is my understanding that these pads are unprecedented in size as there are no other 40 well pad sites in Colorado, let alone 4 such pads in a residential area. I have learned that initial studies by the CDPHE show a significant increase in air pollutants during the drilling and completion phases. However, the final results of this study will not be available until 2018 which is too late for us! This study refers to drilling and completion only lasting for a few days to a few weeks. If this plan moves forward, the consecutive drilling and completion of these wells will take at least 2 years of non-stop drilling and completion activities. I am also concerned about the value of my property decreasing with such extensive industrial activity in my neighborhood, along with concerns about

environmental affects, safety, increased truck traffic, water usage, mineral rights of residents and forced pooling, and more.

It is my sincere hope as a resident of Colorado and the immediately affected area of these 4 proposed fracking sites, that you will do your part in the execution of your individual responsibilities to objectively consider the appropriateness of these proposed sites as it relates to the residents of the surrounding communities.

I am interested in hearing your plans regarding interfacing with the COGCC regarding Broomfield residents' concerns regarding these proposed fracking sites. I look forward to hearing from you.

Respectfully submitted,
Julie Kehrer
Resident of Anthem Highlands
Broomfield, Colorado

--

Patricia W. Gilbert
Deputy City and County Attorney
City and County of Broomfield
One DesCombes Drive
Broomfield, Colorado 80020
Ph: 303-464-5806
Fx: 303-464-5849
pgilbert@broomfield.org



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Eileen Albrecht <ealbrecht@broomfield.org>

Concerned Anthem Resident

1 message

Jeff Johnson <jjrcjohnson@gmail.com>

Tue, Nov 8, 2016 at 4:22 PM

To: council@broomfieldcitycouncil.org

City Council members and Mayor Ahrens,

I am a Broomfield resident living in Anthem with my wife and two young children. I want to express how deeply alarmed I am about the impact of Extraction's spacing permits and drilling permits will have on our community not only now, but for future generations.

I'm very disconcerted about several aspects of these proposed drilling sites. First and foremost, I'm obviously concerned about the health and safety of my family, and the effects brought on by fracking (groundwater contamination, air pollution impacts of released VOCs, waste disposal, induced seismic activity, etc., etc.). Second, I am perturbed by the highly controversial legal tool of forced pooling. Third, I'm extremely troubled about the size and number of drilling sites, and what effects they will have on our environment, and what long term negative economic impacts this will bring to our community.

Many of my neighbors have expressed these same concerns. So my question to you is this: What can we do to utilize the city's resources to fight Extraction's spacing permits and drilling permits?

Sincerely,
Jeff Johnson



Eileen Albrecht <ealbrecht@broomfield.org>

No Fracking, Please!

1 message

Loren & Nichole Barnett <cobarnett5@gmail.com>

Tue, Nov 8, 2016 at 1:56 PM

To: council@broomfieldcitycouncil.org

Esteemed council men and women,

We are joining the chorus of concerned residents of Broomfield, and specifically, Anthem, to express our concern about the proposed fracking near our neighborhood.

We feel it is not only short-sighted, but potentially hazardous long-term to allow fracking this close to a residential neighborhood, including ours!

Children, pets, taxpayers and wildlife are all at risk by allowing fracking into our neighborhoods. Please stand with us, your citizens and do NOT allow fracking to take place in or near Broomfield.

Thank you,
Nichole and Loren Barnett

16539 Trinity Loop
Broomfield, CO 80023

--

The Barnett Family

Loren, Nichole, Weston, Mckenna, and Breana

Loren's Cell: 303-518-5102

Nichole's Cell: 607-592-9899



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking in Broomfield (Anthem)

1 message

Brenda Carrington <bcarring@comcast.net>
To: bcarring@comcast.net

Tue, Nov 8, 2016 at 12:09 PM

Hello-

My name is Brenda Carrington and my family and I live in Anthem. Along with many of my neighbors, I'm extremely concerned about the proposed drilling sites for fracking in Anthem and surrounding areas. Since I learned of these plans, I've done some research and was horrified to learn of all the potential problems of fracking. If these sites are built, the city of Broomfield (Anthem and Wildgrass particularly) will be subjected to issues such as toxic dust over our homes and parks, chemical spills, contamination of our drinking water, noise, fires, night lights, drilling vibrations, earthquakes, decrease in property value, traffic, and pollution of the air we breathe.

When we were looking for a new home we ruled out other cities due to fracking and soil contamination issues. We decided on Anthem as there was no fracking (or plans of fracking). Sadly, the home builder did not communicate this information when we decided to buy. We only heard all the amazing things Anthem offered – views, parks, trails, and the upcoming school for the area. We fell in love with the area so put everything we have into our new home. I'm sure you can imagine my shock and disbelief when I learned about these massive drilling sites being proposed. Plans for 4 drilling pads with 140+ wells in a concentrated area (really?).

Help me understand how this could happen so close to hundreds of homes and families with young children and why is Anthem asked to take the brunt of this? How can forced pooling be done by Oil and Gas when Oil and Gas has less than 50 percent of the mineral rights? This will hurt the value of our homes, hurt our community and harm the health of our people/children. Fracking does not belong in a residential community.

I look to you as our elected and appointed representative(s) to help overturn and fight these plans and protect our community. What can be done? What do the people of Anthem and surrounded areas need to do to stop this? Please, help!

Sincerely,

Brenda Carrington



Eileen Albrecht <ealbrecht@broomfield.org>

Concerned Anthem resident

1 message

Melissa Sells <melissa.sells@gmail.com>

Tue, Nov 8, 2016 at 9:29 AM

To: council@broomfieldcitycouncil.org

Dear City Council Members,

I am a resident of Anthem, and I am extremely concerned about the amount of fracking that has been proposed for our area. We recently moved to Anthem from another area of Broomfield. We have lived in Broomfield for 10 years. We love Broomfield and did not look at any other cities when we decided to buy a larger home. We were not aware of the proposed fracking in Anthem when we purchased our home. I do not know if we would have purchased in this area had we know the extent of the fracking that was planned. We may have chosen another town to avoid having this in our back yard. I am a mother of two children and the impact of these wells will effect our resale value, health and the environment around our homes and schools.

Please let me know what we can do to stop this proposal or minimize it as much as possible.

Thank you,

Melissa Sells



Eileen Albrecht <ealbrecht@broomfield.org>

No on Fracking

1 message

Meredith Townley <activewestapparel@gmail.com>
To: council@broomfieldcitycouncil.org

Sun, Nov 6, 2016 at 3:18 PM

I am just sick reading about the size and scope of the drilling project near Anthem Ranch, Highlands and Wildgrass. This is absurd. I have the feeling the leaders of Broomfield don't care about the residents or their quality of life and property values. I am so disappointed I moved here. Hopefully, the Council can find some way to protect the residents. Hum.. what is the link of the earthquake in Greeley today?

How do you trust a extraction company with no history of this size of project? You really think you are going to be able to protect the drinking water reservoir? Just taking a company's word for it is crazy.

I don't understand how drilling is more important than your residents. Isn't there a lot of open space left in CO that is not developed. Seems like a better option to me.

Concerned Citizen.



Eileen Albrecht <ealbrecht@broomfield.org>

NO Fracking

1 message

Rachel Kennedy <rkennedy@livsothebysrealty.com>

Sat, Nov 5, 2016 at 8:20 AM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

I am a resident in Broomfield and would like to put my word out that I stand with the Anthem residents by saying no to the proposed fracking site.

It is irresponsible and inconsiderate to even contemplate allowing a fracking site so close to a residential development, not to mention near a proposed reservoir.

The families who own in Anthem bought there because it is a great family neighborhood, safe, good schools, and over all a great investment to grow their families wealth. By allowing a fracking site the city of Broomfield themselves would be responsible for the negative impact the fracking would have in their property values. Something that could essentially crush the financial growth of those families.

Is the city of Broomfield prepared to purchase those houses from those families at fair market value to allow them to move to a safer environment for their children and families?

If not, I do not believe Broomfield has any business welcoming fracking.

Rachel Kennedy | Broker Associate

Rkennedy@livsothebysrealty.com

direct 303.547.8775 | www.sothebysrealty.com |



Please excuse typos, this message was sent from my mobile device.



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking

1 message

'Judy Kelly' via council <council@broomfieldcitycouncil.org>

Fri, Nov 4, 2016 at 3:44 PM

Reply-To: Judy Kelly <cova9701@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Dear Mayor Ahrens and Council Members-

Last summer I attended the council meeting when Boyd McMaster discussed the four consolidation fracking pads to be developed near Anthem Ranch. He said there are about 30 active wells in Broomfield that would be capped while developing the four consolidation pads.

Last week Mr. McMaster and his team presented at a meeting here at Anthem Ranch. I asked how many wells would be developed on each pad and he replied about 40! I was shocked. The four pads being developed here are not consolidation pads. They are large industrial development pads.

I spoke with another Extraction representative after the meeting and asked her about the amount of trucks that would be on the roads around here. She replied that during peak backflow there would be about 10 trucks per day per well. Can you imagine the traffic on 160th and the surrounding area? I can't.

I have many concerns about fracking. I am concerned about the chemicals used and air and water quality. I know Extraction says they will capture methane gas, but with such a large amount of fracking so close to our home I worry. My husband has a chronic lung condition and air quality is critical to us. Also, it concerns me that they will be drilling under our reservoirs. Water is so precious here.

We purchased our home in Broomfield for a certain level of quality of life. I feel that will be forever changed if this project goes through as Extraction has planned.

There are many unanswered questions about fracking. Please help us delay this project until further study can be done. And help us curtail the size of this project. Approximately 80 wells on the Sheridan and Lowell pads within a mile of my home is extremely disconcerting.

Sincerely,
Judy Kelly
16512 Crosby Drive



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking in Broomfield

1 message

Jaime Strumberger <jbstrumberger@gmail.com>
To: council@broomfieldcitycouncil.org

Fri, Nov 4, 2016 at 1:16 PM

Dear Council Members,

I am writing to voice my concerns regarding the proposed drill sites for fracking in North Broomfield near the Anthem Subdivision.

We rely on our elected officials and appointed officials to work in the best interest of our communities and their residents. This includes aggressively safeguarding the air we breathe, the water we drink, as well as the economic well being of our community.

I am sure you are aware of the multitude of potential problems these toxic chemicals, including known carcinogens, can cause: contamination to water and soil, chemical spills, toxic dust in our air and covering our homes, yards, parks and playgrounds within our neighborhoods and at our schools.

Additionally, the United States Geological Survey confirms that injecting fluids associated with fracking can cause earthquakes that are large enough to be felt and can cause damage as we have seen most recently in Oklahoma.

Our government should be dedicated to protecting the interest of ordinary citizens. Allowing drilling/fracking sites in the vicinity of a well populated, residential community such as Anthem is completely irresponsible, unethical and unacceptable.

Thank you for your time and attention to this matter.

Sincerely,
Jaime Strumberger



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking in Anthem

1 message

Carole Hill <carolehill@gmail.com>
To: council@broomfieldcitycouncil.org

Thu, Nov 3, 2016 at 8:27 PM

City Council,

I too voice the same concerns as my neighbors in the Anthem Community in Broomfield, CO. After purchasing a home in a neighborhood perfect for raising my children, I am finding out about a LARGE fracking project going on very near the community. These houses are not cheap, most over half a million dollars, and I expect property values will decline! My old home was flood-free since it was built in 2004 in Todd Creek Farms and following fracking and a large rainfall two years ago, the home is still seeping water form the basement floor. I find it odd this was never an issue until then and am well aware of the noise, traffic, light pollution and fires fracking causes. They don't own the mineral rights and this should be addressed. I would like to see our council members protecting and fighting for our community. Please, do what you can. We've invested everything we have into this community. I thank you for your time and attention to this matter.

Sincerely, Carole



Eileen Albrecht <ealbrecht@broomfield.org>

Oil and gas in Broomfield

1 message

Timothy Flanagan <timothyjflanagan@gmail.com>

Thu, Nov 3, 2016 at 5:41 PM

To: council@broomfieldcitycouncil.org

Dear Mayor Ahrens and Council Members,

I hope that our community leaders are concerned enough about the large scale oil and gas production soon to begin in the north end of the City that you will dispatch a representative to the meeting about health and environmental impacts of this industry to be held this evening at the Renaissance Flatiron hotel. I must tell you that the widespread perception north of 144th Avenue is that our elected officials do not care about this matter, or about the welfare of residents in the northern sector of the community.

Sincerely,

Timothy J. Flanagan
3064 Rams Horn Run

(508) 494-2643
timothyjflanagan@gmail.com
www.timothyjflanagan.com



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas Plans for wells near Anthem Ranch & Highlands

1 message

dklein8558 via council <council@broomfieldcitycouncil.org>

Thu, Nov 3, 2016 at 5:09 PM

Reply-To: dklein8558@aol.com

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

My wife and I live in Anthem Ranch and are horrified about the plans for 80 or so wells very close to Anthem Ranch and Anthem Highlands. We believe it would compromise our quality of life (especially during 2+ years of construction), potentially harm our structures and lower our property values. This is what the Broomfield City Council was elected to protect us from. How do we stop this from happening?

Dave & Pam Klein

4951 Lindsey Drive

954-298-3446

Sent from Mail for Windows 10



Eileen Albrecht <ealbrecht@broomfield.org>

North Broomfield Fracking Sites Near Anthem Residential Community

1 message

Julie Kehrer <julie.kehrer@gmail.com>

Thu, Nov 3, 2016 at 5:04 PM

To: manager@broomfield.org

I am writing to voice my concerns regarding the proposed sites for fracking by Extraction Oil and Gas (and any other companies) in North Broomfield near the Anthem residential community and planned retail and business development areas.

We rely on our elected officials and appointed officials to work in the best interest of our communities and their residents. This includes aggressively safeguarding the air we breathe, the water we drink, as well as the economic well-being and stability of our community.

I am sure you are aware of the multitude of potential problems toxic chemicals, including known carcinogens, can cause: contamination to water (including the nearby Reservoirs near the proposed fracking sites) and soil, chemical spills, toxic dust in our air and covering our homes, yards, parks and playgrounds within our neighborhoods and at our schools.

Additionally, the United States Geological Survey confirms that injecting fluids associated with fracking can cause earthquakes that are large enough to be felt and can cause property and land damage, as we have seen most recently in Oklahoma.

Our government should be dedicated to protecting the interest of ordinary citizens. Allowing drilling/fracking sites in the vicinity of a well populated, residential community such as Anthem is completely irresponsible and unacceptable, not only from a health and safety standpoint, but also as it relates to the personal economic investment residents have made in the North Broomfield area and in the Anthem residential community. In addition, building such fracking sites in the midst of planned retail and business expansion in the immediately surrounding area will directly affect the economic success of these developments.

There are many in the Anthem community that are concerned about this issue. Indeed, the residents have formed Anthem Clean Air and Water. See <http://anthemcleanair.wixsite.com/website>.

Thank you for your time and attention to this matter.

Sincerely,
Julie Kehrer

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You received this message because you are subscribed to the Google Groups "manager" group.

To unsubscribe from this group and stop receiving emails from it, send an email to manager+unsubscribe@broomfield.org.

To post to this group, send email to manager@broomfield.org.

To view this discussion on the web visit https://groups.google.com/a/broomfield.org/d/msgid/manager/CAH%3DsPNdYS369Y69eYgomsJiQPR9h0pWmHJyDX6jGgv%3D_Vv8H_g%40mail.gmail.com.



Eileen Albrecht <ealbrecht@broomfield.org>

Anthem Area Fracking

1 message

Kris McKenzie <clanmckenzie@comcast.net>

Thu, Nov 3, 2016 at 4:15 PM

To: council@broomfieldcitycouncil.org

Dear Council Members,

I am writing to voice my concerns regarding the proposed drill sites for fracking in North Broomfield near the Anthem Subdivision.

We rely on our elected officials and appointed officials to work in the best interest of our communities and their residents. This includes aggressively safeguarding the air we breathe, the water we drink, as well as the economic wellbeing of our community.

I am sure you are aware of the multitude of potential problems these toxic chemicals, including known carcinogens, can cause: contamination to water and soil, chemical spills, toxic dust in our air and covering our homes, yards, parks and playgrounds within our neighborhoods and at our schools.

Additionally, the United States Geological Survey confirms that injecting fluids associated with fracking can cause earthquakes that are large enough to be felt and can cause damage as we have seen most recently in Oklahoma.

Our government should be dedicated to protecting the interest of ordinary citizens. Allowing drilling/fracking sites in the vicinity of a well populated, residential community such as Anthem is completely irresponsible and unacceptable.

Thank you for your time and attention to this matter.

Sincerely,
Kris McKenzie



Eileen Albrecht <ealbrecht@broomfield.org>

Concerns on Fracking in Anthem Neighborhood

1 message

David Massy <dmassy@hotmail.com>

Thu, Nov 3, 2016 at 12:22 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Hello,

I'd like to add to the members of the neighborhood who are expressing concern about the proposed fracking close to the Anthem neighborhood. As an Anthem resident I share many of the concerns that I'm sure you have already heard.

It appears to me that Broomfield City Council fails to address concerns of the neighborhood at the north end of the county as it continues to grow. For example I was dismayed when the council earlier this year approved new family homes for this area before a public school to serve the neighborhood is guaranteed. Should the \$350M bond fail to pass next week then property prices will undoubtedly be negatively affected as the Adams 12 school district becomes recognized as an overcrowded and desperately underfunded school district compared with Boulder Valley school district next door. Having schools to serve new neighborhoods needs to be recognized as essential infrastructure and growth limited until they are built. I do understand that the funding of the schools is the responsibility of the school district, however it is in my opinion irresponsible for the city council to continue to allow the developer to build new homes and promise potential buyers that a new school will be built when that is not the case.

Similarly it appears that the Broomfield City council has failed to engage with the neighborhood community here around the issue of fracking close by. Some of the concerns of the community may be misplaced but I would expect every member of the city council to make an effort to visit and hear the concerns of the community rather than the community finding out about this after and agreement appears to be in place.

Respectfully

-David Massy



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas

1 message

Charla Wright <73charla@gmail.com>

Thu, Nov 3, 2016 at 10:07 AM

To: council@broomfieldcitycouncil.org

Dear Mayor and Council Members,

Please consider the negative ramifications to our residents' health and environment while debating the approval of all the new wells and fracking in north Broomfield. These areas are just too close to our neighborhoods and the proposed water reservoir. The industry of oil and gas does not belong in close proximity to residential areas. The dangers are just too great!!

Thank you,
Charla Wright
Silverleaf neighborhood

Sent from my iPad



Eileen Albrecht <ealbrecht@broomfield.org>

Concerned Anthem Resident

1 message

Meredith Gibney <mgibney@hotmail.com>

Wed, Nov 2, 2016 at 1:49 PM

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

Hello City Council members and Mayor Ahrens,

I am a resident of Anthem, in Lookout Village and I am extremely concerned about the amount of fracking that has been proposed for my backyard. I am a mother of three children and the impact of these wells will effect not only on our health but our financial future. Why is Anthem asked to bear the burden of such tremendous amount of industry so close to our homes?

Me and my concerned neighbors are looking to you our elected officials to see if there is anything you can do to help us overturn this proposal. What can we do to voice our concern any louder so that you know this cannot happen in Anthem?

Thank you,

Meredith Gibney



Eileen Albrecht <ealbrecht@broomfield.org>

Fracking near Anthem

1 message

fwassum <fwassum@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Nov 1, 2016 at 10:51 PM

City council persons,

I'm writing to voice my concerns regarding proposed drill sites for fracking near Anthem. I don't need to list them...I'm sure you're aware of the potential problems. Noise, accidents, fires, contamination of water table, the trucks it would bring to our area to name a few potential problems. We purchased our home here which is very expensive because it was one of the few if not the only place that wasn't fracking. It seems if your paying well over a half million for a 3 BR ranch that is BASIC, that you wouldn't have to deal with this. Not to mention we pay the most ridiculous amount in property taxes. We should not have drills in our neighborhood. I don't care what people predict, this will hurt the value of our homes. It doesn't belong in a residential community such as Anthem. I would like to see our council members protecting and fighting for our community. Please, do what you can. We've invested everything we have into this community. I thank you for your time and attention to this matter.

Sincerely,
Felicia Wassum

Sent from my Verizon, Samsung Galaxy smartphone



Eileen Albrecht <ealbrecht@broomfield.org>

The Broomfield Oil Field

1 message

Brigid Sanner <brigid.sanner@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Nov 1, 2016 at 3:23 PM

It is outrageous that the Anthem and Wild Grass neighborhoods face a future of living near 100 or more oil wells drilled from four mega pads. The negatives of this scheme far outweigh the positives. It is too dangerous/risky, too close to homes and schools, too much noise, too much potential air pollution, too much traffic on the roads, negative impact on home values, it will be ugly. The citizens of Broomfield voted against this and our rights were thrown away by the court. We hope our community leaders will do what they can to protect us from having an unprecedented oil mega project in our backyard. Please do your job to protect the residents of Broomfield, rather than accommodating big oil. Thank you.

Brigid Sanner
2697 Gray Wolf Loop
Broomfield 80023



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil and Gas and Fracking near Broomfield residential areas, specifically Anthem and Anthem Ranch

1 message

David Paterson <david.paterson6@gmail.com>

Tue, Nov 1, 2016 at 1:41 PM

To: council@broomfieldcitycouncil.org

Cc: Kari Paterson <kari.paterson5@gmail.com>, Anthemcleanair@gmail.com

To Whom it May Concern;

I am a homeowner in the Anthem neighborhood within Broomfield. I would like to voice my fervent concern and disagreement regarding Fracking, in any form and at any level, near our home and the homes of our neighbors.

Although I have not been able to attend the meetings regarding this issue I have stayed as close as possible to their outcomes. I appreciate the lengths Extraction is taking, however, the risks that remain and will always remain are far too great to expose our families to, especially our children. We are Broomfield residents and I sincerely hope you share these concerns, and share them to the extent you are taking action to ensure they do not move forward.

Without leaving a laundry list of known and real potential hazards, both to our health as well as our investments, I ask what real action we as a community can take to stop Fracking operations near the homes of Broomfield residents and the resources we depend on. It is not acceptable to be complacent and accept that we have no control over the approval of activity that could endanger our health and secondary to that the value of our homes.

Thank you

Respectfully,

--

David Paterson

David.Paterson6@gmail.com

3172 Traver Dr. / Broomfield, CO / 80023



Eileen Albrecht <ealbrecht@broomfield.org>

Proposed Massive Oil & Gas Development Adjacent to Anthem Neighborhood

1 message

Carlo Bonavita <carlo.bonavita@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Nov 1, 2016 at 11:26 AM

Good afternoon,

I am writing to express my strong opposition to the proposed massive increase in the oil and gas development by Extraction Oil & Gas. The proposal for, the unprecedented in Colorado, multiple 40 well pads within 1000 feet of a growing residential neighborhood and schools is appalling.

While I understood that there would be some wells near our home when we bought it in 2012, the size, scope, and duration of this new proposal is shocking and disheartening. 10 or so wells is one thing 140 surrounding an neighborhood in clusters of 40 is unprecedented in Colorado and truly is not something that belongs in this area. I hope that the city council recalls that it represents the people of this community and takes all available and appropriate steps to curtail this project back to the scope it was originally proposed.

I am for responsible and respectful energy development, not turning our neighborhoods into oil fields with 40 wells. Broomfield should not be a test case for unprecedented development on this scale. It simply has no place here. I truly hope the council takes their responsibility to the voters of Broomfield seriously and takes all available steps to curtail this project to something more in line with its original proposal. Broomfield does not need to become Fort Worth. I and many others will hold the Council responsible should this project be rubber stamped. Thank you,

Carlo F. Bonavita
16008 Antora Peak Dr.
Broomfield, Colorado



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas - Sheridan and Lowell pads

1 message

Jennifer Crump-Bertram <jennifer@gda-advertising.com>
To: council@broomfieldcitycouncil.org
Cc: Jennifer Crump-Bertram <jennifer@gda-advertising.com>

Mon, Oct 31, 2016 at 12:53 PM

Mayor Ahrens and Broomfield Council Members,

Our grave concerns relate to the Sheridan and Lowell pads planned development by Extraction Oil & Gas.

There has not been sufficient research to definitively conclude that fracking is entirely safe especially given the planned scope.

The proximity of these large scale fracking sites to residential neighborhoods is unprecedented and irresponsible. Just because they can, doesn't mean they should.

We just invested in our home here in Anthem Broomfield, a community in which we planned to raise our young children.

I, nor any of the other residents signed on for the years of daily construction traffic, noise and (air, water, noise, light) pollution this project will entail. Nor the potential ground fissures in already precarious soil.

Safety of this project is a great concern. What are the plans for initial and follow-up monitoring? From my research this has not been determined. Who protects our water and air for the duration of development and for the next 25-30 years of extraction? Who notifies us when there's a concern so we can protect ourselves? Why are we allowing them to drill not only under our homes, but under a pre-k-8 school, playgrounds and adjacent a water reservoir?

Despite having just moved to Broomfield (lived in CO all my life), we are very seriously considering moving if these projects goes through anywhere near their proposed 80 wells. This is an unprecedented number of wells (who's scope has dramatically increased over the last 2 years) and there are two of them planned for this one neighborhood!

Let's be honest. This comes down to money. I implore you not to sell out residents' health and wellbeing.

Respectfully,

Jennifer Crump-Bertram
Concerned Anthem Broomfield resident less than 1 mile from the proposed wells.



This email has been checked for viruses by Avast antivirus software.
www.avast.com



Eileen Albrecht <ealbrecht@broomfield.org>

How did 31 wells on 10 pads become 100 wells on 3 pads + 40 wells on Lowell pad?

1 message

'Laurie Anderson' via council <council@broomfieldcitycouncil.org>

Fri, Oct 28, 2016 at 3:43 PM

Reply-To: Laurie Anderson <laurie.anderson1@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

At our neighborhood meeting on 10/25/2016, Boyd McMaster informed us that they were submitting their plans to the city this week and part of their obligation was to hold the meeting in our neighborhood.

At this meeting, Extraction shared the number of wells they now intend to drill:

Lowell Pad: 40
 Sheridan Pad: 40
 United Pad: 40
 Huron Pad: 20
TOTAL: 140 wells

History of Well Numbers:

- Per the Sovereign agreement on 08/27/13, there were 10 pads and 31 wells
- Per Extraction's supplement on 05/31/16, they wanted to reduce the 10 pads to 3 pads ...while all other terms of the MOU remain unchanged (so 31 wells)
- Per our HOA meeting on 10/25/16, there are now 100 wells between the Sheridan, United, and Huron pads plus 40 wells on the Lowell pad.

Extraction was asked where they had a development of similar size near a residential neighborhood so that we could see it first hand. Extraction has never drilled 40 wells on one pad! No other company in Colorado has drilled 40 wells on one pad! They pointed out the Johnson Trust operation in Frederick near Hwy 52 with 11 wells as a large scale operation near a neighborhood.

(Per the COGCC website, the Johnson Trust site is located at NWSW 13 2N68W and has 9 wells).

Not only are they drilling more wells on one pad than has ever been done in Colorado, they are building 4 of these large scale pads. Drilling is limited to 2 rigs based on available power and each well takes about a week (6-8 days) to drill so we are looking at 70 weeks of drilling for each rig to create the 140 wells. They then estimated about 120 days of continuous sand delivery for completion, but they would have "flaggers" out to direct traffic. Then who knows what will happen over the next 25-30 years as the wells run dry. Will Extraction still be around to reclaim it?

This concentration of all the gas operations in the Broomfield area in one location is unfair! We purchased homes with the intention of raising families and enjoying the benefits that come with planned communities, not dealing with years of drilling and completion activities.

The CDPHE's report states that air pollution is greatly elevated during drilling and completion so we can look forward to about 2 years of elevated pollution levels for our young children!

In reviewing the COGCC October Docket, I found that Extraction also has plans for 30 more wells just north of Anthem! They are not done yet!!!

1S69W: 1 Well

1S68W: 140 Wells (Assuming these are the Sheridan, Lowell, United, and Huron Pads)

1N68W: 30 Wells (Supposedly a pad just north of Hwy 7 at Lowell Blvd)

Please keep us informed as plans move forward and what we can do as citizens to help prevent this continuous growth in scale of this heavy industrial activity near our homes.

Sincerely,
Laurie Anderson
920-378-9654



Eileen Albrecht <ealbrecht@broomfield.org>

Extraction Oil & Gas Meetings in Anthem tonight and tomorrow morning

1 message

'Laurie Anderson' via council <council@broomfieldcitycouncil.org>

Tue, Oct 25, 2016 at 3:37 PM

Reply-To: Laurie Anderson <laurie.anderson1@yahoo.com>

To: "council@broomfieldcitycouncil.org" <council@broomfieldcitycouncil.org>

I still have concerns about Extraction Oil & Gas' plan for heavy industrial activity so close to our neighborhoods. It has been confirmed that some residents in Anthem do own their mineral rights. However, I am also aware that residents in Wildgrass own their mineral rights, but Extraction is working to force pool them. Please help us to buy time as we work to understand which homes do own their mineral rights and what Extraction's plan is. I would assume that they will also want to pool Anthem's mineral rights by whatever means necessary.

The pads that I have concerns about are the Lowell and Sheridan Pads which are up against established neighborhoods.

I have driven past the proposed sites for the United and Huron pads. For the most part, these locations are just open fields with the exception of the Fire Department and an outdoor storage facility (corner of 160th and Huron). It seems as though there would be a better location in fields such as these for the Lowell and Sheridan Pads as well. Please do whatever is in your power to work with us!

Extraction Oil & Gas has setup meetings in Anthem at our Anthem Parkside Center from 6:30-8:30pm tonight and then a meeting at the Anthem Ranch Aspen Lodge Wednesday morning a 9:00am. Please attend one of these meetings, if feasible.

Sincerely,
Laurie Anderson



Eileen Albrecht <ealbrecht@broomfield.org>

Oil and gas development near Anthem

1 message

JoAnn Vondracek <jkvondracek@gmail.com>
To: council@broomfieldcitycouncil.org

Tue, Oct 25, 2016 at 2:00 PM

Mayor Ahrens and City Council members,

As a resident of the Anthem area, my husband and I are very concerned about the proposed drilling by Extraction Oil near our neighborhood. We are particularly concerned about heavy traffic, noise, light and air pollution that will significantly impact our way of life. We urge you to encourage moving this large scale operation much further from existing residential areas.

Thank you for consideration of our request.

JoAnn and Milan Vondracek
15969 Hamilton Way
Broomfield, CO 80023

Feedback - Oil & Gas

Comment	Name	Neighborhood (if applicable)	Channel
Oil & Gas Website Feedback Form (no ending date)			
The plan put forth by Extraction Oil & Gas far, FAR, exceeds what should be constructed in a residential area. This proposal for the development of the four pads is completely inappropriate and should be prohibited. Thank you.	n/a		
The number of wells is downright shocking. It was never stated that there would be this many wells. Vote NO to this project.	n/a		
Focus Session Feedback - Ending Jan 13			
Defending us from toxic pollution from oil and gas development.	Sarah Egolf	Broomfield Heights	focus session survey form
Comprehensive planning for oil and gas activities. I will be providing a separate email to the Mayor and City Council with specific steps which begins with using the Colorado Oil and Gas Conservation Commission's adoption of Recommendations 17 and 20 of the Governor's Oil and Gas Task Force to begin identifying planned future drilling activities for Broomfield's oil and gas operators. I was the author of Recommendation 20 and I am offering whatever services are needed to implement the concept of providing for drilling activities in updating/amending Broomfield's Comprehensive Plan. I will point out this is a repeat of a recommendation I made to the Council last April.	Patrick Quinn	n/a	focus session survey form
No fracking- do all you can to not have it done here, or at the very least...severely limit it.		South Kohl/West Midway Blvd	focus session survey form
Please help stop Fracking in residential neighborhoods	Briana LeBlanc	Anthem Highlands	focus session survey form
I've also seen a lot of comments on fracking in Broomfield, and I am terribly disappointed. I know it's a federal issue, but doesn't Broomfield have any say over it's own county? I purchased in home in Broomfield because Broomfield seems to care about it's environment (open space at 40% is a GREAT goal) But now you are considering allowing fracking wells all over? I'm not sure if it's greed or stupidity allowing Broomfield City Council to consider it, but fracking has NO place in the town I want to live in.		Broomfield Heights	focus session survey form
The Supreme court may have ruled that Broomfield's Fracking Moratorium wasn't allowed but come on, Broomfield! Protect your land and your community! Fracking is NOT the answer!	n/a	n/a	focus session survey form
No Fracking, in neighborhoods or otherwise	n/a	Greenway	focus session survey form
Thanks for asking the public's opinion. I can only hope that city council will listen when we tell you that we DON'T WANT FRACKING in our town!	n/a	n/a	focus session survey form
Get fracking out of residential neighborhoods.	Teri Moody	Brandywine North	focus session survey form
No fracking. Not in neighborhoods, not in open space, not in Broomfield.	n/a	n/a	focus session survey form
No fracking in this town. Stand up to greedy big oil.	n/a	n/a	focus session survey form
Preventing more fracking from entering our City!			
Keep any further oil and gas extraction out of Broomfield County! It will not only risk our water, but decrease property values.	n/a	Willow Run	focus session survey form
The Extraction Oil and Gas drilling plans are a singularly important issue Broomfield faces in the immediate future. In my opinion, many of the City areas now open to potential drilling, and particularly the sites designated in EO&G's pending or planned permit applications in the vicinity of the Lowell Boulevard/Sheridan Avenue intersection, are inappropriate for industrial development. Broomfield's ongoing residential and commercial development plans and past accomplishments are models for responsible municipal governance and should remain so. It is inconceivable that oil and gas extraction activities within or in close proximity to densely occupied, residential communities would be anything but detrimental to the health, safety and welfare of our citizens. I urge our Mayor and Council to use all of the resources at it's disposal to resist these activities.	Joseph Chicco	Anthem Ranch	focus session survey form
Keeping oil and gas companies out of residential areas. Focusing on the "Don't Frack with Broomfield"	n/a	n/a	focus session survey form
Keep the oil companies from fracking our community. Keeping our drinking water safe for all.	Christy Clark-Weese	Anthem Highlands	focus session survey form
oil and gas		Anthem	focus session survey form
Business friendly policies including the oil and gas industry	Joe Zino	Anthem Highlands	focus session survey form
Stopping Extraction Oil & Gas	Charla Wright	Silverleaf	focus session survey form
Working with other cities in Colorado to change the State Laws that allow and promote Oil and Gas extraction in highly populated communities like Broomfield	Bill Hall	Wildgrass	focus session survey form
Preventing large scale oil and gas activities in Broomfield's neighborhoods	JoAnne Vondracek	Anthem Highlands	focus session survey form
Keeping oil and gas OUT of Broomfield,	Rachel Walker	Westlake	focus session survey form
Preventing oil/gas exploration. In or near residential neighborhoods	Timothy Flanagan	Anthem Highlands	focus session survey form
reigning in the oil and gas builds in neighborhoods.		Wildgrass	focus session survey form
Please protect the residents of Broomfield from adverse health, safety, and environmental impacts (both known and unknown) of oil and gas exploration and drilling within or near residential communities not just in 2017, but starting now for generations of children and grandchildren to follow.	Jennifer D. Lindquist	Country Club Estates	focus session survey form

Feedback - Oil & Gas

Preventing Extraction Oil and Gas from drilling near neighborhoods. I feel if Extraction purchased property for drilling prior to the building of Anthem Ranch, Anthem Highland & Wildgrass neighborhoods, then someone should have made this clear to people before they purchased their homes. Perhaps an enormous sign on the pad sites. If development of neighborhoods came first, then Extraction should not have been allowed to develop land for drilling so close to neighborhoods. These two things are not compatible. Who allowed this to happen? It should be undone. I live within 1000 feet of the proposed Lowell Pad, and I am downhill from it. I can see this pad and the Sheridan pad from my house and yard. 160th & Lowell is 1 block from my property line.	Becky McLeod	Anthem Ranch	focus session survey form
Stopping the oil and gas industry from destroying our home values and our environment	Heather Mac	Columbine Meadows	focus session survey form
Preventing massive industrial Oil and gas drilling in a residential area. Maintaining the high standard of life and natural beauty/open spaces people move here for. Protecting Broomfield residents, home values, quality of life, etc	Jennifer Huetti	Anthem	focus session survey form
Until recently, I would have asked for an emphasis on traffic congestion, especially on Highway 7. However, the single issue that now stands out above all else is the need to control the vast amount of fracking that is being proposed so close to our residential areas, recently approved school and proposed reservoir. I am sickened to think that our quality of life, property values, and our health may be jeopardized by a proposed project that is so large and complex. Why not start out with such a project far from residential areas, and only proceed closer when data has shown that it has actually performed as well as the marketing folks have pitched?	James Sorcd	Anthem Ranch	focus session survey form
Keep out any further oil and gas extraction within residential zones. These areas are zoned for living in, not for industrial activity. Citizens have been making it clear for years now, we don't want it here. The EPA is now linking fracking activity as a direct hazard to drinking water, and we get no benefit from allowing this next to our homes and schools. Please start listening to the overwhelming majority of residents and keep Broomfield a great place to live.	Ryan Seabury	Broadlands	focus session survey form
	Elise Dunkel Yes! Thank you.		
	Angie Brown I was just about to write the same thing!		
(1) Eliminating any possibilities of fracking with Broomfield County. There is nothing more important than protecting our residents health and the environment in which we reside. This is critical. A need.	Elizabeth Brown	n/a	focus session survey form
Fracking in Broomfield. Better regulation and control of wells being built!	Andy Free	Anthem Highlands	focus session survey form
Fracking Regulation	Kimberly Kaye-Free	Anthem Highlands	focus session survey form
The City and County of Broomfield should focus on the fracking issues facing the community of Broomfield. The oil and gas developments impact all residents in regards to property values, health, infrastructure, and transportation. Currently, our community is a thriving, first-chosen location to live and raise a family. If fracking is permitted to grow within the City and County of Broomfield, current residents will seek to leave our area, families will choose other locations to live, businesses will avoid building due to infrastructure and transportation congestion due to trucks, and the health of the overall community will decline. Please consider the short-term and long-term impact of fracking as a focus in 2017.	Jessica Beilman	Anthem	focus session survey form
PLEASE don't allow fracking in our city/county - especially so close to residential neighborhoods, our future water supply, schools and hospitals. There are way too many health concerns and we will leave this lovely city if it happens. We're mostly worried about our health, as well as the health of the citizens in the surrounding cities, but also property values declining, earthquake activity, increased traffic from the trucks, and also the eye sore the wells will create.	Beth Croll	Anthem Highlands	focus session survey form
Keep the oil companies from fracking our community. Keeping our drinking water safe for all.	Christy Clark-Weese	Anthem Highlands	focus session survey form
Keep fracking out of residential neighborhoods like Anthem in Broomfield	Susan Shulman	Anthem	focus session survey form
Stopping the oil company from fracking in North Broomfield that is right next to in residential and our children's schools.	Jason Batt	Anthem Highlands	focus session survey form
Please continue to focus on keeping Residential Fracking out of Broomfield. This unconventional drilling needs to be done away from neighborhoods!	n/a	n/a	focus session survey form
Absolutely no residential fracking.	n/a	n/a	focus session survey form
Protecting our citizens from the problems associated with proposed large-scale, unprecedented fracking operations near residential communities, including especially traffic, noise, contamination, earthquakes, health problems and loss of property value.	Joyce Bennis	Anthem Highlands	focus session survey form
Controlling or eliminating the damages arising from fracking operations near homes, including noise, traffic, environmental and esthetic damage, health problems and financial damage to residents from loss of property value.	Albert Beedie	Anthem	focus session survey form

Feedback - Oil & Gas

I would like to see Broomfield Keep out any further oil and gas extraction within residential zones. Broomfield residents have consistently voiced concerns over this. The EPA is now linking fracking activity as a direct hazard to drinking water, I don't want my family's health threatened. I would also like to see more support for small businesses in the vacant buildings in strip malls. More community built into them.	Tiffany	Willow Park	focus session survey form
No fracking in our neighborhoods!!	Ann Ecklund	Wildgrass	focus session survey form
Stop Fracking	Virginia Gaige	n/a	focus session survey form
No fracking near residential areas, please	n/a	n/a	focus session survey form
Stopping fracking!	n/a	Red Leaf	focus session survey form
No fracking in Broomfield	Laura Kofoid	Broadlands	focus session survey form
Keep fracking out of Broomfield		Anthem Highlands	focus session survey form
no more fracking near neighborhoods!	n/a	n/a	focus session survey form
Follow through on the moratorium on fracking. We moved here from Michigan to be near our grandchildren. I am very very concerned that the air and water systems will be damaged. Additionally, the noise and landscaping pollution n will be horrendous. I have seen Triple Creek. I am scared. We are a residential community and you have allowed Extraction to use and abuse us by turning our beautiful county into an industrial fracking site. Stand up to them. Support your citizens. Be independent.	Diann Wright	first filing	focus session survey form
Stop fracking (or at least pass (building?) code regulations about the max number active/inactive wells within the county, distance from residential/open space, etc). This is definitely the most important for me and my family. It has made us reconsider our plans to live here long-term. Just thinking about the traffic and ware & tare on our roads, the pollution (noise, water, land, and air), and potentially decreasing/stagnant housing value gives me pause for moving forward & settling into this community.	Caitlyn Milton	Brandywine	focus session survey form
No fracking.	Kimberly Dickson	Willow Park	focus session survey form
Fracking is a safe way for the city and county to make money and the stigma that has been brought on by the press needs to be investigated and a decision made based on what's in the best interest of the long term for residents-NOT the political correct choice that's blowing in the wind at the moment.	n/a	n/a	focus session survey form
Stop the Fracking here to keep Broomfield safe and beautiful.	n/a	Anthem	focus session survey form
Stop Fracking	n/a	Condos at the Boulders	focus session survey form
No to fracking!	Chris Petrizzo	Lac Amora	focus session survey form
The danger of fracking so close to residential areas	Ron Segal	Anthem Ranch	focus session survey form
Avoidance of fracking in residential areas	Richard Martinez	Anthem Highlands	focus session survey form
Minimizing fracking in highly populated residential areas	Kerri Martinez	Anthem Highlands	focus session survey form
3. No fracking- do all you can to not have it done here, or at the very least...severely limit it.	n/a	south kohl/west midway blvd	focus session survey form
Prevent fracking in our neighborhoods or at least protect the awesome quality of life we have in Broomfield by thoughtful regulations to keep noise, pollution and environmental hazards down; Fixing the 120th Street corridor (abandoned safeway, etc); update the Broomfield Community Center	Amy Poshusta	Wildgrass	Focus Session Survey Form
Keeping dozens of fracking wells away from our schools, homes, and future water supply. I love this city and want to raise my kids in a healthy and safe environment.	Sara Rusek	Brandywine	Focus Session Survey Form
Avoiding fracking that destroy our homes.	Ross		Focus Session Survey Form
Protecting the health and safety of Broomfield residents by doing everything possible to oppose residential fracking. Please stand up against Extraction Oil and Gas; protect our air and water, protect our health!			Focus Session Survey Form
Stop any fracking south of Anthem Ranch & Highlands along e-470!	John Bultena	Anthem Ranch	Focus Session Survey Form
No fracking in Broomfield. Focus on keeping our environment safe for all Broomfield residents.	n/a	n/a	Focus Session Survey Form
Keeping fracking out of our city			Focus Session Survey Form
Keeping fracking out. I understand this has to be achieved at the state level.. I was at the meeting where you voted on the moratorium and a special thanks for that. Also, we are in a "special tax district" where we pay astronomical property taxes on our house (nearly \$6,000 last year) I think this higher taxed area should be changed, especially if there is fracking so close to our home. I don't want to pay more just to be in an area where our family has the potential to get sick from exposure to fracking chemicals. It's like if McDonalds cost more than organic food. Why would anyone then eat McDonalds? We'll just move out of Broomfield, and I think potential buyers would feel the same way.	Amanda Janusz	McKay Landing	Focus Session Survey Form
Keep massive fracking operations out of Broomfield so we can keep our residents safe and our neighborhoods beautiful. We will be forced to leave Anthem if this project proceeds as planned. Many residents share the same plan. Please take into consideration how this will negatively impact Broomfield i.e., lower property values, negative image of the City, etc. Please continue to work with the State on this horrific plan.	Pamela Leonhardt	Anthem Ranch	Focus Session Survey Form
Preventing fracking from happening around neighborhoods			Focus Session Survey Form

Feedback - Oil & Gas

N0 FRACKING!!! LOWER TAXES!!!!			Focus Session Survey Form
Lower taxes and no fracking.			Focus Session Survey Form
Stopping the FRACKING at all costs! Highest real estate taxes... They need to be lowered...you are gouging!	Maggie Trojan	Anthem Ranch	Focus Session Survey Form
We need an updated indoor pool. It needs to be a dedicated lap pool with 8 lanes. I know you are woking on this, but speed it up! BCC is a sham of a pool and has needed to be replaced for years. Our community is growing fast and our Rec Centers need to keep up. On a more serious note, no fracking in Broomfield!!!!	Stephanie Haskett	Northmoor	Focus Session Survey Form
Keeping fracking out of our community to keep our drinking water safe. Making Broomfield a safe place for undocumented immigrants and their children. Resisting the Trump agenda as much as possible through kindness and charity.	Jennifer Whiteside	Willow Park	Focus Session Survey Form
Smart growth, local small business development especially non-chain restaurants, walkable access to parks and trails, no fracking growth restrictions, downtown area, traffic, no drilling/fracking near residential	Dave Peterson	broomfield heights filing 2	Focus Session Survey Form
Fracking	Fern Smith	McKay Landing	Focus Session Survey Form
Broomfield should stop or at least reduce the concentration of drilling and Fracking.. (40 wells per pad is crazy, experimental, and a pollution hazard) . Broomfield will become know as an oil and gas patch and not the image and reputation it has now.	Darcy	Northmoor	Focus Session Survey Form
Stop or limit fracking - I think it'll wreck havoc on our economy. Panhandlers in the suburbs. To be honest, both make our town look trashy.	DON MOLYNEUX	ANTHEM RANCH	Focus Session Survey Form
Prevent fracking from happening close to schools and neighborhoods	Kristin	Highland Park	Focus Session Survey Form
How about keeping your promises to the taxpayers . Let's start with keeping clean air and water for the citizens. Stop chasing the almighty \$\$ from big oil. Deny fracking in residential neighborhoods.	Carlos Kirkconnell	Redleaf	Focus Session Survey Form
A new and improved indoor aquatics center...lap pool! And no fracking!	Virginia Sarraf	Anthem Highlands	Focus Session Survey Form
A new and improved indoor aquatics center...lap pool! And no fracking!	Kelly Groves	Brandywine	Focus Session Survey Form
Limit or eliminate all fracking!	Kelly Groves	Brandywine	Focus Session Survey Form
Historically, the City and County has been a leader in water quality and resources. Water is going to be increasingly important, and the City should continue to communicate what we are doing in this arena. I also believe we need to be a regional leader in advocating for a water plan. There was an article in the Denver Post recently about the Colorado River and how it cannot continue to sustain water needs for the south-western half of the country. I know the group (I think the work was done in conjunction with CU, but can't remember for sure) that is working on this reached out to both campaigns prior to the election as it must be made a priority to avoid a looming crisis. The amount of water that is used for fracking should be taken into consideration. Speaking of fracking, I know a second reading is coming up, but oil and natural gas supplies are not infinite. What are we going to do, suck the earth dry? We must continue to focus on sustainable energy solutions in order to provide for future generations. How can we make it easier for people to conserve? The initiative that was announced this morning about the charging stations along the highway is a wonderful example of how we can work regionally to accommodate environmentally friendly solutions to transportation. Thank you for this opportunity.	Lisa Ritchie	Aspen Creek	Focus Session Survey Form
Stop fracking within city limits	Linda Fahrenbruch	Willow Park	Focus Session Survey Form
Please keep fracking out of Broomfield. Too much noise, truck, and ground pollution.	Zach Wells	McKay Landing	Focus Session Survey Form
To limit Fracking in Broomfield County	Cara	Anthem	Focus Session Survey Form
Legal means to keep fracking wells farther away from homes and schools.	Terry	Anthem	Focus Session Survey Form
Keep fracking out of Broomfield!	Mark Phillips	Anthem Highlands	Focus Session Survey Form
Keep Broomfield free of fracking.	K. Meyer	Anthem Highlands	Focus Session Survey Form
Limiting fracking, building baseball fields			Focus Session Survey Form
Preventing fracking in Broomfield	David Hassler	Anthem Highlands	Focus Session Survey Form
Keep fracking out of Broomfield!		Anthem Highland	Focus Session Survey Form
Keep additional drilling & fracking out of our City & County	Bonnie Seidle	Anthem Highlands	Focus Session Survey Form
No fracking!	Brian	Anthem	Focus Session Survey Form
No new fracking wells/pads in Broomfield. Cap off the old ones and work with what we already have. Completely renovate (tear down and build new) the BCC to include a non hazardous, 25-yard pool (you can't see the black lines on the bottom and without those it is hard to judge where the wall is located and can cause harm on the person swimming), clean locker rooms and an olympic 50 meter outdoor pool.	Loren Barnett	Anthem	Focus Session Survey Form
Keeping Oil and Gas out of residential neighborhoods. Fracking so close to houses is irresponsible and dangerous.	Becky	Redleaf	Focus Session Survey Form
			Focus Session Survey Form

Feedback - Oil & Gas

Regulations on oil and fracking. Regardless of arguments over health risks, neighborhoods should not be forced to live with enormous pads with huge numbers of wells right in their backyards and within a mile of schools. Oil and gas cannot get the message that it's okay to propose 20+ wells and then try to sneak in 140+ instead. Please continue to protect Broomfield and our rights.	Chelsea Keefe	Anthem Highlands	Focus Session Survey Form
Ending, curtailing fracking activity in residential neighborhoods			Focus Session Survey Form
Limiting fracking impacts on residents. This is an incompatible industrial-scale land use. Broomfield should be representing residents against the state to obtain better restraints on this "extreme energy" practice.		Anthem	Focus Session Survey Form
Avoid unnecessary fracking in the residential area and prevent over development.			Focus Session Survey Form
Stop the fracking!!!! Stop development until the infrastructure and schools catch up. Allow rural areas like north of 144th to remain RURAL! I just spent a ton a money to purchase a property in this area. I did so because of promises made not to change zoning. You already illegally capped wells on these properties! Leave these people alone!	Kim Dembo	Wilcox	Focus Session Survey Form
Please focus on stopping the proposed fracking of the wildgrass and anthem neighborhoods.	Marjorie Birks	Wildgrass	Focus Session Survey Form
Fracking regulations in close proximity to homes and schools.	Andrew Kort	Anthem Highlands	Focus Session Survey Form
A way to halt the proposed fracking!	Carla Henry	Anthem Highlands	Focus Session Survey Form
Stopping fracking. We don't want this In our city.	Brian Krueger		Focus Session Survey Form
Stop Fracking and stop new developments!!! How about an emphasis on renewable and clean energy . Your killing all the wildlife ,open areas -creating more traffic and pollution .	Tim Graham	ANthem	Focus Session Survey Form
I think the City and County of Broomfield should focus on the well-being and concerns of Broomfield residents when it comes to fracking and drilling! Broomfield residents should always be the no#1 priority NOT money! #NOfracking #NODrilling #NOBS		Anthem	Focus Session Survey Form
Fracking	Sean	Willow Park	Focus Session Survey Form
Stop fracking!	Michael Arrington	Silverleaf	Focus Session Survey Form
Stop fracking	Lisa Arrington	Silverleaf	Focus Session Survey Form
Appealing the proposed fracking projects in the north Broomfield area!			Focus Session Survey Form
Protecting Broomfield citizen's quality of life by greatly limiting fracking in residential areas.	Carla Kane	Anthem Ranch	Focus Session Survey Form
Small business development (encourage start-up, new businesses) clean air and water (no fracking in neighborhood), support education (new schools or alternative schools such as home schooling)	Conny Karman		Focus Session Survey Form
Moratorium on fracking	Janell Hugins	Anthem Highlands	Focus Session Survey Form
Fracking prevention			Focus Session Survey Form
Fracking and its impact on the health of the residents and our quality of life	John Zukowski	Anthem Highlands	Focus Session Survey Form
The fracking problem trying to come into Broomfield kept out. Lets keep our air, water and quality of life in Broomfield healthy and peaceful	Sheila Talbot	Anthem Ranch	Focus Session Survey Form
Clean water for Broomfield. Avoid hazards due to fracking risks.	Carole Hill	Anthem Highlands	Focus Session Survey Form
Fracking in our neighborhoods so close to our homes and schools. We probably have some of the highest property values and taxes and I am astounded we are considering letting fracking happen so close to Anthem. Not only the health risks but my property value which is my largest investment.	Carolyn Gallagher	Anthem Highlands	Focus Session Survey Form
Stop Fracking.			Focus Session Survey Form
Stop Fracking			Focus Session Survey Form
Keeping Fracking out of Broomfield	Tobin Zdarko	Anthem	Focus Session Survey Form
Anti Fracking in the Anthem/Wildgrass area needs to be the highest priority. It negatively affects ALL of Broomfield. We need to protect the honor of being voted #1 place to live, along with our property values, and natural resources. We want people to WANT to live here-not be AFRAID to live here!			Focus Session Survey Form
Fracking in and around the Anthem Highlands neighborhood. I feel if they don't do something to address this, the city of Broomfield will lose it's value financially and as a desirable place to live. I feel this issue is dire.	Cindy Rath	Anthem Highland	Focus Session Survey Form
Preventing fracking from taking place in residential neighborhoods.	Paula Stack	Anthem	Focus Session Survey Form
Proposed fracking		Anthem	Focus Session Survey Form
anti-fracking	Patrick Talbot	Anthem Ranch	Focus Session Survey Form
Limiting fracking.	Nicole Phillips	Anthem	Focus Session Survey Form
Please, please stop the fracking near our homes and schools!!	Melissa	Anthem	Focus Session Survey Form
NO FRACKING	Cathy McElwain	Anthem	Focus Session Survey Form
Stop or significantly reduce fracking near the Anthem/Wildgrass neighborhood	Arza Caudill	Anthem Highlands	Focus Session Survey Form
Fracking		Anthem	Focus Session Survey Form
Keeping fracking away from neighborhoods		Anthem	Focus Session Survey Form
Keeping fracking out of Broomfield	Felicia Wassum	Anthem Highlands	Focus Session Survey Form

Feedback - Oil & Gas

The focus should be how to stop the proposed huge fracking sites near my home.	Judy Kelly	Anthem Ranch	Focus Session Survey Form
Keep Fracking Out of Broomfield. It's important if Broomfield wants to retain any residents in the area. People are uncomfortable living so close to proposed fracking wells. If homeowners suffer, businesses will suffer. Help make Broomfield a clean place to live. Keep our air and water clean.			Focus Session Survey Form
Keep fracking industry out of Broomfield for the safety of our community and children		Anthem	Focus Session Survey Form
Stop proposed fracking activities near residential communities.	Karen Henry	Anthem Highlands	Focus Session Survey Form
Residential Fracking	Jennifer Crump-Bertram	Anthem Highlands	Focus Session Survey Form
I am born and raised in Broomfield, and my family has been here for decades. I'm also a former oil and gas employee. PLEASE keep fracking OUT of our community so I can continue to raise my kids in the place I've always called home. I want them to have the same beautiful childhood that Broomfield gave me and fracking will only hurt out housing market, contaminate water, and hurt our environment. Further, I'm all for growth and expansion, but part of the charm of Broomfield is the small town community feel. Please keep the tall apartments and buildings away from our views of the mountains (my drive down Midway is forever ruined by the apartment complex monstrosity on 128th and Wadsworth), and out of the housing areas. And please don't tear down or build in open spaces around the old part of town. It's charming and needs to be preserved. That said, I'm all for growth like the IKEA project and some of the building around 1st bank center. I'd love lightrail too, as that flatiron flyer bus is simply awful. LOVE Broomfield, thank you for keeping my home beautiful.	Jennifer	Broomfield Heights	Focus Session Survey Form
Stop fracking until Oklahoma earth quakes can be proven not to be caused by fracking. Please see https://insideclimatenews.org/news/21122016/oklahoma-earthquakes-uggs-hydraulic-fracturing-oil-gas-wastewater	Lou Conte	Anthem	Focus Session Survey Form
Banning fracking	Allen Eccles	Anthem	Focus Session Survey Form
Please stop fracking in Broomfield			Focus Session Survey Form
Protecting our city from oil and gas moving into our neighborhoods. Fracking should be reserved to open spaces not next to homes, parks, and schools.	Julie Morse	Anthem	Focus Session Survey Form
Expand the PDRC - so much growth and the rec is getting very crowded., no fracking in residential areas, develop the civic center area (safeway) into a real community area with small shops, maybe a few small non-chain cafes, coffee shops, a place people could really meet - and build in a few fitness features as well. I am a 22 year resident and want to see Broomfield continue to be mindful of our small town feel and offer excellent recreation opportunities for ALL ages.		Eagle Trace North	Focus Session Survey Form
Industrial size fracking operations within close proximity of schools and neighborhoods by deceiving companies	Roy Godzdanker	Anthem	Focus Session Survey Form
Fracking	Deborah Schuster	Wildgrass	Focus Session Survey Form
I am opposed to fracking in our community with the current regulations. I think if we are to allow it they need to be a minimum of 2500 feet from a structure. Many studies have shown that's the minimum distance needed to survive a fire. There is so many bad health consequences from these things that we need to stop looking the other way	Jill Krueger		Focus Session Survey Form
Keeping neighborhoods safe by not allowing fracking nearby homes and schools!	Jennifer Hanna	Anthem	Focus Session Survey Form
Smart growth - how we manage our resources (residents, land, schools, roads, natural resources, etc) to make Broomfield a desirable place to raise a family. The minimization of fracking is a big part of making Broomfield a great place to live (but not the only thing).	Peter Yoho	Anthem	Focus Session Survey Form
Eliminating residential fracking!!!	Shauna Schmitz	Anthem Highlands	Focus Session Survey Form
No fracking	Pam F	Aspen Creek	Nextdoor
No oil wells. Period. Can't zoning fix this?	Greg P	The Broadlands	Nextdoor
We were the 5th fastest growing city in the nation last year, we don't need to frack and don't let any paid interests convince you otherwise. It's only a matter of time before some Trump crony wins eminent domain over the entirety of the state to frack all he wants (and we shall call it freedom fracking), so let's enjoy what we have while it's here. Besides Russia is going to have a huge surplus of oil to sell us in a year, and I'm guessing through magical math it'll be cheaper than our own.	Chris H	120th & Main	Nextdoor
Keep oil and gas interests out to promote community health for its residents, neighboring communities and our shared air, soil and water!	Nushin Farjadi	n/a	Facebook
Preserving our health and property values by helping us limit fracking!	Michael P	Anthem Highlands	Nextdoor
Stop the fracking...	Ted T	Anthem Ranch	Nextdoor

Feedback - Oil & Gas

Keep out any further oil and gas extraction within residential zones. These areas are zoned for living in, not for industrial activity. Citizens have been making it clear for years now, we don't want it here. The EPA is now linking fracking activity as a direct hazard to drinking water, and we get no benefit from allowing this next to our homes and schools. Please start listening to the overwhelming majority of residents and keep Broomfield a great place to live.	Ryan Seabury	n/a	Facebook
Stop fracking!	Veronica H	Wildgrass	Nextdoor
End fracking	Zach W	McKay Landing	Nextdoor
Enable further gas/oil extraction in the northern side of the County (North of 144th). This will be a major increase in revenue, and better jobs in the city. No environmental rhetoric.	Tyska KD	n/a	Facebook
We just moved here in September and I'm really concerned about the fracking. Had no idea there was proposals for more. This is not safe. You can't get clean air, soil and water back when destroyed.	Abby Halvorson	n/a	Facebook
Fracking is safe. Don't focus on that. I sure hope those that want to ban fracking don't heat with natural gas. How about widening Dillon to 4 lanes asap? http://www.cred.org/studies-show-fracking-safe/	Jacob A. Starcevic	n/a	Facebook
We all want oil and energy, but not in my back yard apparently. I'm for whatever will advance the economy of the county.	Greg H	Highland Park South	Nextdoor
keep fracking away from residential areas.	@comcgan	n/a	Twitter
I know it's a tough issue, but I'd like Broomfield focus on legal means for keeping fracking farther from neighborhoods/schools.	Mark Phillips @ObviousMark	n/a	Twitter
please focus on the health of your residents. Keep fracking out of Broomfield!	Jessica Burman (@mostspirited)	n/a	Twitter
keep fracking out of Broomfield	De Ghuma Ke (@soulstage)	n/a	Twitter
Keep Broomfield beautiful, clean, and safe by denying new permits for Fracking, especially large and intrusive proposed sites.	Jerry Suissa @jerrysuissa	n/a	Twitter
25th best place to live in the US. Keep fracking out of Broomfield and away home, schools, and stores.	Brad Askins @brad_asksins	n/a	Twitter
This will actually hurt the city as it will drive down property taxes with lowering housing values. It will be a DECREASE in tax revenue and a mistake for a city.	Cristen Logan	n/a	Facebook
The number one issue facing our community is business vs. personal rights. Don't allow fracking to ruin OUR community!	CJMariner	n/a	Twitter
The #1 focus should be keeping Extraction Oil & Gas from Fracking in Broomfield. Money isn't everything. #CleanWater #ThinkofourKids	SpodiYodie @spdieyodie	n/a	Twitter
Zero Tolerance to Fracking within City and County limits.	Laura V	Via Varra	Nextdoor
Just read an article in The Enterprise, no diagonal fracking under our houses along with no fracking period. We don't have earthquake insurance on our houses.	Rich W	Willow Run	nextdoor
I would like the city to spend some time focusing on our environment. Making sure our water and air are safe. No fracking and stop overbuilding. We moved here to be in this beautiful city with a small town feel. Thank you for your consideration.	Diane C	Brandywine North	nextdoor
Walk. Bike. Broomfield - Ended Dec 15			
how will the thousands of trucks and gas emissions from Extractions planned massive fracking project impact this intersection? (NW corner of Lowell Blvd and Sheridan Pkway)	39.97955362458796, -105.03642082214355	n/a	commenting map at Broomfield.org/WalkBikeBroomfield
This is a beautiful area that I will no longer use after fracking goes up the street. I'm concerned walking next to such a huge site will counter the health benefits I get from walking. Who wants to breathe in all that toxic air? (NE corner of Lowell/Sheridan)	39.980513857408155, -105.03152847290039	n/a	commenting map at Broomfield.org/WalkBikeBroomfield
Fracking (NE side of Sheridan/Lowell)	39.98063881776756, -105.03393173217773	n/a	commenting map at Broomfield.org/WalkBikeBroomfield
Drilling is not being done properly when it's in highly populated areas, or right next to a reservoir (Siena Reservoir)	39.98114852376695, -105.03403902053833	n/a	commenting map at Broomfield.org/WalkBikeBroomfield
Social Media			
1/6 - Focus on protecting our environment ! Stop building and stop "Fracking"!	Timothy G	Anthem Ranch	nextdoor comment on bcc redevelopment post
1/2 - Dialing back the friggin FRackiNG!	Denise Marcoullier	n/a	facebook
1/4 - Anderson: Come to Jan. 10 council meeting on moratorium: http://www.broomfieldenterprise.com/news/ci_30703568/anderson-come-jan-10-council-meeting-moratorium... #Fracking #Colorado #OilAndGas #Broomfield #CitizensRights	Dominick Saia @domincksaia	n/a	twitter

Feedback - Oil & Gas

<p>12/31 - Not concerned about the proposed 140 horizontal fracking well plan because you don't live near the plan? The map below illustrates why you should be concerned. The dark gray areas highlight the current operator's (Extraction Oil and Gas) current acreage in Broomfield and the surrounding areas. The acreage is where product is currently or may be derived from. The red areas are areas where new well pads are allowed consistent with Colorado regulations and are either already accessible by Extraction or may be assessable by other operators. In addition to the surrounding air and water concerns, horizontal fracking can currently extend to between 2 and 3 miles subsurface, i.e., if you live in Broomfield, a company may in the future be injecting toxic chemicals under where you reside. There is no definitive evidence, that we have seen, that proves that those chemicals will not at some point migrate to the surface or aquifer. Our mission is Not just about one operator; another operator may either purchase Extraction's assets or may acquire access to areas where well pads are allowed. Our mission is Not about making the proposed plan as safe as possible. Rather, it is about protecting the citizens of Broomfield from adverse health, safety, and environmental impacts of oil and gas exploration and drilling within residential communities. Our first goal is to ensure those impacts are eliminated. And finally, our mission is Not tied to a political agenda. The concerns that are raised affect conservatives, independents, and liberals alike. BCAW's volunteers extend across the political spectrum. If you haven't already, please join us at http://www.broomfieldcleanairandwater.org/get-involved-now</p>	<p>Broomfield Clean Air & Water</p>	<p>n/a</p>	<p>Broomfield clean air & water facebook page</p>
	<p>Caro JP So disgusting of how they want to turn our communities into mini refineries. This is where we raise our families for gods sake!</p>		
	<p>Conny Karman Please, no fracking in densely populated area. It's wrong...</p>		
	<p>Pamela Schroer Leonhardt This is so appalling! We live just one half mile away from the Lowell Pad of 40 wells. Shame on you Governor Hickenlooper for ruining our beautiful State. This is happening all over Colorado, not just Broomfield.</p>		
<p>12/30 - OOPS! They forgot to mention the 140 new wells. At least Extraction acknowledges there is an impact on Broomfield neighborhoods from oil and gas operations.</p>	<p>Broomfield Clean Air & Water</p>	<p>n/a</p>	<p>broomfield clean air & water facebook page</p>
	<p>John Paul Robb Can we get clarification on the whole "record number" of best management practices? State record? Company record? National record? What record? Also I commend them for their "volunteer" work. Real humanitarians over there.</p>		
	<p>Kim Taylor McNaughton Take a look at their "landscaping" in Greeley: a dirt berm with dead trees. They put it in but didn't maintain it. There isn't enough landscaping to hide or protect neighbors from 140 fracking wells.</p>		
	<p>Jennifer Rigg-Huettl Yeah look at Greeley. Real quality job they did there.</p>		
	<p>Debbie Ketron While landscaping is a "nice gesture" visualizing this massive amount of wells is the least of my concerns. Just wondering does the \$1 million landscaping budget include an irrigation system? If so, what water source will they use?</p>		
	<p>Pat Talbot I want to hear from them how they plan to minimize risks to air, water, traffic flow, visual blight,...</p>		

Feedback - Oil & Gas

	<p>Broomfield Clean Air & Water Regardless of the landscaping, it does not begin to address the concerns associated with air and water (unless the landscaping somehow captures these toxins prior to going outside the regulated setbacks and we have not seen any documentation around that). BCAW remains committed to our mission: Protecting the citizens of Broomfield from adverse health, safety, and environmental impacts of oil and gas exploration and drilling within residential communities.</p>		
<p>12/29 - In a comment to our Dec 21 post, Stephanie Frett commented "Wow! If they can expand and start fracking in Broomfield this would be fantastic! Just think how many more jobs this would create. Hopefully everyone attending will educate themselves and know that fracking does not contaminate the air or water. I fully support fracking." We asked her to cite her sources regarding the same but she has not. It appears that one job that the proposed plan may help support is that of her husband's, Kenny Frett, who works at Liberty Oilfield Services and Halliburton. But how many jobs in Colorado are related to oil and gas extraction? In CO, mining and logging consists of 25.2 thousand jobs out of 2.8 million jobs as of Nov 2016 per the U.S. Bureau of Labor Statistics (https://www.bls.gov/eag/eag.co.htm). That is, less than 1% of the jobs in CO are related to oil and gas extraction. BCAW will continue to inform and raise awareness about the true facts.</p>	<p>Broomfield Clean Air & Water</p>	<p>n/a</p>	<p>broomfield clean air & water facebook page</p>
	<p>AnnMarie Cleary Thank you. And I find it so insulting when employees and relatives of the oil and gas industry make ignorant comments to the public.</p>		
	<p>Suzanne Cabral Looking at the Bureau of Labor and Statistics it is approximately 65,000 jobs in Oil and gas in Colorado. That includes office workers, attorneys, graphic artists - etc. Wasn't the opponents of 75 and 78 saying it was 100,000 jobs that would be effected? How many lies and commercials selling their BS does it take to convince us to look the other way and let them compromise our health, safety, well being and our property values?</p>		
	<p>Sherri Slotman Spitzley It is shocking to me how completely disingenuous people are and how relentless they are in pursuit of \$. To hell with everyone else as long as their pockets are being lined. ☐</p>		
	<p>Julie Simons I guess all the oil and gas diehards are thrilled to destroy a community's environment. Stats don't hold up. Earth tremors beyond measure in Oklahoma and Onio. Maybe some of us want to heal all the damage these billionaire oil and gas people have done. I don't even want to speak to the Haliburton people. When is it enough? NOT EVER IN BROOMFIELD!</p>		

Feedback - Oil & Gas

<p>12/29 - Tom Cave, claiming to represent the Front Range Energy Alliance, wrote in a letter to the Broomfield Enterprise "It is disappointing that the Broomfield City Council is considering a moratorium to temporarily ban all oil and gas development in Broomfield. Their vote on Jan 10 will determine the future of Broomfield, where I choose to live and work." What Tom fails to disclose in his letter to the editor is that Tom is a Member of the Board of Directors at Standard Alcohol, a "company that converts natural gas, CO2, and other standard carbon sources into hyper-low carbon fuel additives and specialty chemicals." Always be cognizant of who an author represents and potential conflicts of interest. Please let others in Broomfield of this letter and its source. And please ensure that you have indicated that you are going to the Jan 10 City Council Meeting (see Events) and/or RSVP at http://www.BroomfieldCleanAirandWater.org to support the final vote on 2 ordinances beneficial to opposing the proposed plan.</p>			
	<p>Amy Jezierski I suggest writing a response to Mr. Caves letter. Pointing this info out so people who are not part of this page have this information.</p>		
	<p>Molly Weber Murphy Awesome! I saw his letter to the editor and it made me do mad.</p>		
<p>12/27 - Not sure if this was shared. If you are a Broomfield County resident please consider providing feedback to their survey. I know many have expressed concern about fracking in Broomfield (myself included). This may be a good place to voice that concern. Also, any suggestions for 2017 (some I have seen in the comments for this survey include: fiber internet through the city, local businesses, walkability, etc.). http://broomfield.org/2017 Thanks!</p>	<p>Rachael Tittle</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>
<p>12/22 - Broomfield passes a #fracking moratorium into 2017— setting a dangerous precedent for local gov'ts. across CO:</p>	<p>Protect Colorado @ProtectCO</p>	<p>n/a</p>	<p>twitter</p>
<p>12/22 - This has been discussed in our group and I thought many might like to know of an upcoming City Council meeting where it will be discussed. I believe the proposed fracking could have a negative impact on our community and I hope anyone who is interested/concerned will engage in this process.</p>	<p>sharon drumheller Murray</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>
<p>12/22 - The following full page ad will be in this Thursday's Broomfield Enterprise. Let people know to keep an eye out for it. If you live in Broomfield, the proposed fracking plan may affect you. Firstly, Broomfield reuse water reclamation areas and the future drinking water reservoir are located near proposed well pads. Just as important, if the adverse health concerns of oil and gas exploration and drilling within Broomfield are not addressed today, there are numerous areas within Broomfield that meet the setback requirements (see red areas in the ad). That is, even if you are not located within close proximity the proposed plan, a future plan may be coming to your neighborhood soon. Join us at the January 10, 2017 Broomfield City Council Meeting at 6 PM, 1 DesCombes Drive, to support the final vote on two ordinances that are beneficial to opposing the current fracking plan (see Events and/or RSVP @ BroomfieldCleanAirandWater.org). The 1st reading of each ordinance was already adopted on December 6 (see http://www.broomfieldcleanairandwater.org/broomfield-counci...). Additionally, both write and call your councilmember (http://www.broomfieldcleanairandwater.org/political-awarene...) to tell them that you support their vote to ADOPT Ordinances 2038 and 2039 on January 10, 2017.</p>	<p>Broomfield Clean Air & Water</p>	<p>n/a</p>	<p>broomfield clean air & water facebook page</p>
	<p>Olivia Weststeyn □□□□□□□□ This is awesome. We will be there to support this!</p>		
	<p>Conny Karman Thank you for your hard work to create this awareness..</p>		
	<p>Caro JP Great point ---> "air contamination far beyond regulated setbacks"</p>		
	<p>Lisa Cole Miller Jenny Snyder Grist Tera Smith Lori Keegan Ken Grist Nicole Redfern might want to share with other neighbors...</p>		
	<p>Adam Patrick Amy Thomas we should go</p>		
	<p>Jenn Ehlers DePauw We will be there!!</p>		

Feedback - Oil & Gas

	<p>Stephanie Frett Wow! If they can expand and start fracking in Broomfield this would be fantastic! Just think how many more jobs this would create. Hopefully everyone attending will educate themselves and know that fracking does not contaminate the air or water. I fully support fracking.</p>		
	<p>Broomfield Clean Air & Water Can you please cite the research that shows that there are no risks to the air or water from fracking? Also, can you provide an estimate as to how many more jobs fracking throughout Broomfield would create and what is the source of that estimate?</p>		
	<p>Gary Lasky Stephanie Frett - Maybe you want to cross your fingers and hope for cleanup jobs after an oil spill. Oh, and the few jobs they create, they bring in expert outsiders for those, and they send their money home. So the local economy is not helped much, while the locals suffer the harmful health effects. You might rethink that one . .</p>		
	<p>Ryan Seabury Thanks for posting this. Broomfield City Council needs to fight this and help escalate local control issues to the state level. They ignored us the last go round, let's make it clear if they continue failing to represent their constituents we will vote them out. Mike Shelton in particular has been consistently pompous and arrogant in dismissing valid citizen concerns and scientific commentary on these issues.</p>		
<p>12/20 - For those in Broomfield looking to get involved in our fight against Extraction Oil & Gas: Broomfield Clean Air and Water is looking for volunteers to assist with canvassing activities. Our efforts are focused on educating neighbors about the concerns around the proposed 140 horizontal fracking well plan in Broomfield and to get concerned residents to the January 10, 2017 Broomfield City Council Meeting. At that meeting, there will be the final vote on two ordinances that are beneficial to opposing the proposed plan. We need your help now! Canvassing is extremely effective in getting people engaged and is an important part of our marketing efforts. We are looking for volunteers in all neighborhoods. Please contact Kim McNaughton via email at kimmcnaughton@yahoo.com as soon as possible to get involved. We need to canvass as many neighborhoods as possible prior to January 10, 2017.</p>	<p>Kathryn Meyer</p>		
<p>12/21 - Please come to the City Council meeting Jan 10, 6 pm, 1 Descombes Dr, Broomfield, CO 80020-2495 and show your support!</p>	<p>Kathryn Meyer</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>
<p>12/18 - Laurie Anderson talks at the December 13 Broomfield City Council Meeting explaining that in the May 31, 2016 meeting with Extraction that she was under the impression it was going to cap 26 wells and drill 24 new wells across 4 pads. "I was not ok with the plan then and I'm absolutely not ok with the proposed 140 horizontal fracking well plan being pushed by Extraction.... How can there be a miscommunication about 116 wells.... and after talking with councilmembers, I confident that you don't believe it was a miscommunication either... During [the December 6 Broomfield City Council] meeting, the Council communicated to the [300 to 350 Broomfield Clean Air and Water supporters that were in attendance] that the 2nd reading [of the two ordinances] will be on January 10, 2017. Those people expect nothing less than that reading to occur on that date."</p>	<p>Broomfield Clean Air & Water</p>		<p>Broomfield Clean Air & Water facebook</p>

Feedback - Oil & Gas

	<p>Dan Leftwich Laurie, well done! You called them out for their duplicity. It is also important that the companion ordinance that prohibits the transfer of assets, permits, etc. without consent be approved on Jan. 10.</p> <p>Extraction may be planning an exit strategy that depends on it using debt (leverage) to get the maximum number of wells approved (wherever it has acreage) and sell the company, leaving your neighborhoods holding the bag. See this article: "The leverage likely indicates a strategy by the company and its private equity sponsors to acquire as much acreage as possible, lever it up using debt, then hopefully sell equity and/or the company for a profit to retail investors. That is a very common strategy for private equity to monetize and/or exit their investment." http://seekingalpha.com/.../4024623-e-and-p-investors...</p>		
<p>Many have commented that Broomfield citizens are powerless when it comes to the proposed fracking plan. This is simply not true. Boulder County has set an example with their actions (https://dochub.com/.../leftwich-comments-to-bcc-12-14-16-fina...). In the upcoming Broomfield City Council Meeting on Jan 10, 2017, 6 PM, councilmembers will cast their final vote on two ordinances beneficial to opposing the 140 horizontal fracking well plan in Broomfield. We need everyone to attend. Votes can be persuaded with citizen participation in the meeting. See this page's Events and indicate that your going and/or RSVP at www.BroomfieldCleanAirandWater.org. To achieve our goal to ensure that the negative health, safety, and environmental affects of the newly proposed oil exploration and drilling within Broomfield are eliminated, we will not be able to solely rely on the above ordinances as a permanent solution. BCAW will work to change the laws at the state level to ensure a permanent solution. We need your help. Write to Matt Gray, your state representative, at matt@matthewgray.us and follow up with a phone call at (303) 335-0219 to request that i) he becomes an active voice to represent the people of Broomfield on this matter and ii) he works with local groups such as BCAW to introduce legislation at the state level. To learn more about Matt Gray's current position on the issue and BCAW's response see: http://www.BroomfieldCleanAirandWater.org/colorado-congress...Please RSVP for the Jan 10 Broomfield City Council Meeting (www.BroomfieldCleanAirandWater.org) and write to Matt Gray today!</p>			
	<p>AnnMarie Cleary Everyone in Broomfield is effected. I urge all residents to join together. There is strength in numbers. The City does not want the responsibility of banning fracking but the people have a right to representation by our elected government. We must demand that the City to represent us. If you look back In history it is people that make the difference. Government won't step up until people force them. This fight over fracking in Broomfield has been going on for years. I have been part of it since the beginning and it is worth it. The City did not put in the Moratorium, we the people did. And we have a lot more people aware these days and a lot more people to</p>		
<p>12/18 - http://www.ecowatch.com/epa-fracking-water-contamination-2144968213.html</p>	<p>Rebecca Hubka</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>
<p>12/14/2016 http://www.ecowatch.com/epa-fracking-water-contamination-2144968213.html?xrs=RebelMouse_fb&ts=1481663949</p>	<p>Rene Martell</p>	<p>n/a</p>	<p>facebook</p>

Feedback - Oil & Gas

<p>12/14 - Anthem Clean Air and Water is now renamed Broomfield Clean Air and Water in order to effectively represent all Broomfield citizens from adverse health, safety, and environmental impacts from oil and gas exploration and drilling within our residential communities. Either BroomfieldCleanAirandWater.org or AnthemCleanAirandWater.org can be used to connect to our website.</p>			
<p>12/13 - On December 6, between 300 and 350 Anthem Clean Air and Water (ACAW) supporters attended the City Council Meeting to support the adoption of two ordinances beneficial to ACAW's mission of protecting the citizens of Broomfield from adverse health, safety, and environmental impacts of oil and gas exploration and drilling within residential communities. These ordinances were adopted and scheduled for a 2nd and final reading on January 10, 2017 (http://www.anthemcleanairandwater.org/broomfield-council-me...). On December 12, Extraction Oil & Gas wrote to the City Council requesting to move the 2nd readings of the same ordinances to February (so that Extraction can meet further with the City Council) rather than keeping the 2nd readings on the January 10, 2017 agenda. More details can be found at: http://www.ci.broomfield.co.us/DocumentCenter/View/15253. We believe that this proposed delay by Extraction is in part an attempt to gain time to persuade the City Council to vote against the ordinances in their 2nd readings, ordinances that so many Broomfield residents came out in support of on December 6. If the 2nd reading of these ordinances are not adopted, the ordinances will NOT go into effect. We are asking that everyone that can appear at the City Council Meeting tonight, at 6 P.M., 1 DesCombes Drive, appear for the Citizens' Comments, the 5th item on the agenda (http://broomfield.granicus.com/GeneratedAgendaViewer.php...) to hold the City Council accountable for their already committed 2nd reading of these ordinances on January 10, 2017. Please let others know as well. Additionally, in order to better organize our efforts, including for requests like the one in this email, we request that everyone fill out the new information form at: http://www.anthemcleanairandwater.org/get-involved-now</p>	<p>Broomfield Clean Water & Air</p>	<p>n/a</p>	<p>Broomfield Clean Water & Air facebook page</p>
	<p>Diane Brock Grillas Pretty good turnout tonight for the quick notice. Stand strong Broomfield !!!</p>		
	<p>Nushin Farjadi What happened tonight ?</p>		
	<p>Broomfield Clean Air & Water There was no decision on the Jan 10th agenda made last night. The Council can modify the agenda at almost anytime. It is important to get everyone in attendance at the meeting on the 10th regardless of the agenda. If the 2nd readings are removed from the agenda on the 10th, there will be many disappointed attendees given that the 2nd readings were committed to that date by Council. Regardless, we will be present and we will speak on the topic during either citizens comments or the consent agenda. Please RSVP in Events and/or http://www.broomfieldcleanairandwater.org. For anyone that hasn't registered with BCAW, please go to http://www.broomfieldcleanairandwater.org/get-involved-now. This will better help us organize all of Broomfield.</p>		
<p>12/13 - This message below was sent out on the anthem underground. PLEASE COME to City Council tonight at 6pm to show support for the moratorium. Send this message on to anyone you think is interested. Extraction has sent a letter (see at Broomfield.org/oilandgas) to the Broomfield City Council asking that they consider not having the final reading of the moratorium until at least February so Extraction can "negotiate". We believe the moratorium is the only leverage we have - this is why we wanted the moratorium in the first place. In fact this is the first time Extraction has been willing to truly negotiate. Thus we want the moratorium to be enacted to ensure we have a place at the negotiation table. Also, we need the moratorium to ensure we have the time to get the force pooling statue enacted.</p>	<p>Meredith Gibney</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>

Feedback - Oil & Gas

12/13 - Perhaps @broomfield should consider a 5% tax for #fracking within city limits. The funds can be stored in trust for use for spills.	TwistedPolitix	n/a	twitter
12/13 - (PIC) At @broomfield city hall yet again for an emergency meeting to consider a study session for \$XOG to stall moratorium on #SuperFracking	TwistedPolitix	n/a	twitter
12/10 - Maura Devine spoke on behalf of Anthem Clean Air and Water in a packed Broomfield City Council meeting Tuesday December 6. She describes her experience living in Erie within a mile of 20 active wells, the research that she has conducted on chemicals such as benzene and toluene among others, the health concerns related to those chemicals, and the health issues her and her children have experienced. She further explains that she will not expose her children to more toxic chemicals [from the 140 horizontal fracking wells if the proposed plan moves forward]. Maura's personal story is touching and raises the question: How safe is residential fracking?	Broomfield Clean Air & Water		Broomfield Clean Water & Air facebook page
	Suzanne Cabral I was happy to see that Oil and gas was not able to dominate this meeting as it had in Adams County. Good work ACAW!		
	Carissa Mahonchak Extraction Oil and Gas is requesting that the Broomfield City Council consider putting off the second reading of the oil and gas moratorium until February in a "Good Faith" effort to correct their "miscommunications" and bring the citizens and city on board with their proposed large scale industrial fracking project in Broomfield. We cannot allow a devious private company who has not acted in good faith to dictate what we will do in our community.		
12/10 (PIC) No #fracking @broomfield council meeting 12/6. 140 wells, too close to residential areas. Come to town meeting Jan 10, @ 6	bigib by connykarman	n/a	twitter
EVENT: Jan 10 Meeting -	Broomfield Clean Air & Water		
	Carissa Mahonchak Extraction Oil and Gas is requesting that the Broomfield City Council consider putting off the second reading of the oil and gas moratorium until February in a "Good Faith" effort to correct their "miscommunications" and bring the citizens and city on board with their proposed large scale industrial fracking project in Broomfield. We cannot allow a devious private company who has not acted in good faith to dictate what we will do in our community. Please attend the Broomfield City Council meeting tonight at 6PM to show your continued support for the oil and gas moratorium to move forward on the original second reading date of January 10th.		
12/9 - @KDVR where's the recent video on @broomfield and the #fracking issue? Its on @facebook	TwistedPolitix	n/a	twitter
12/9 "Hey mom's I just want to put this out there in case any of you are unaware or if you have concerns about the fracking plans that are taking place here in Broomfield near our homes and schools. I, for one, am not ok with it. Right now there is a memorandum PENDING a final vote on January 10th to delay this build until June 2017, but that doesn't mean it won't happen. Unless, of course, we say something! PLEASE, be present at the Broomfield City Council meeting January 10th, 6pm and CALL (don't email) our state representatives to tell them exactly how you feel about this change."	Lacey McGintry	n/a	broomfield moms facebook page

Feedback - Oil & Gas

	<p>Molly Weber Murphy Just want to clarify...the moratorium is not official just yet. Broomfield City Council unanimously voted to move it to the final vote on Jan 10. However, given it passed unanimously not likely it will fail on Jan 10. Everyone should show up in the 10th 6pm</p>		
	<p>Jennifer Butler Calder I'd just like to add, this effects the whole area - not just Anthem. I'm in Erie, and many of us are fighting against this, too. It would be a very dangerous precedent for all of our neighborhoods if this were to go through!</p>		
	<p>Lacey McGinty I'm in McKay Landing (in Broomfield), just south... I agree with you 100%!!</p>		
	<p>Molly Weber Murphy It is horrible! I just cannot believe that a company could be so insensitive to the community. I work for a very large company and if we gave no regard to the community and were completely insensitive to the people who live there we would have been run out of town long ago!</p>		
	<p>Gemma Ramon Puigdemogles Im going to be there!!</p>		
	<p>Molly Weber Murphy Just want to clarify...the moratorium is not official just yet. Broomfield City Council unanimously voted to move it to the final vote on Jan 10. However, given it passed unanimously not likely it will fail on Jan 10. Everyone should show up in the 10th 6pm</p>		
	<p>Susan Larisa Marx Can you vote if you don't live in the neighborhood or is it just for the Anthem residents? I for one can not believe that the Mayor let this happen. But kudos on whoever helped get this to the nightly news.</p>		

Feedback - Oil & Gas

	<p>Molly Weber Murphy There is nothing for the people to vote on - it is the city council. Based on Tues night though I have no doubt the moratorium will be voted in on Jan 10. And Susan Larisa Marx the Mayor and rest of City Council feel VERY lied to and duped by Extraction Oil & Gas. What the city approved originally in the memorandum of understanding (MOU) was the consolidation of already existing wells in Broomfield into the Lowell & Sheridan pads - which would be around 10 wells each pad. AND Extraction was going to build a 12 mile pipeline to remove the waste. Well as soon as that MOU was agreed upon Extraction changed it to 140 wells and no pipeline. The Mayor and the rest of Council is very much on the side of the residents. Local city has very little control over oil fracking - it is the state. The best thing we can ALL do as Broomfield residents is to call our state representatives (call, don't email) and explain our disposition.</p>		
	<p>Jennifer Butler Calder I so wish that amendment to make it harder to change the constitution hadn't passed. Took away our power to fight the oil companies since this is all in the state control.</p>		
	<p>Lacey McGinty Molly Weber Murphy, thank you for educating me. I admit, i'm very under educated on this issue... but even at surface value, for me, it is a resounding NO!</p>		
	<p>Lacey McGinty Do you have a script we can follow if we choose to call? like i said, i don't know a lot about this deal. I wish the whole country would ditch oil and gas and stop fracking all together, but since that isn't in our near future, the least we can do is keep it out of our back yards.</p>		
	<p>Molly Weber Murphy Lacey McGinty sent you a PM yesterday because I wasn't able to comment here</p>		
	<p>Laura Harkness I will certainly move if this happens. ☐</p>		
	<p>Jennifer Butler Calder The problem is our property values will surely drop, and it will be hard to sell! Plus, this problem is all over CO. It makes me want to move out of state.</p>		

Feedback - Oil & Gas

	<p>Caro JP You all should have signed the Initiatives 75/78 when you had the chance this past summer. But that outreach was not welcomed here because it wasn't in your backyard, now it is. There's nothing you can do about the drilling. Those initiatives didn't get enough signatures/volunteers and Amendment 71 passed making it near impossible to protect our air and water now. I'm glad you're all involved now but sadly I think it's a bit too late.</p>		
	<p>Susan Larisa Marx I signed the initiatives. I ran into people numerous times collecting signatures and every time if I was with someone who hadn't signed it, they signed it too. So it's tough for you to say who did or who didn't. Instead of passing judgement, making assumptions and focusing on the past, I would work on what you or anyone can do moving forward. It's still not in my backyard, but I still care what happens in my town.</p>		
	<p>Caro JP I had to block certain members of this groups from their attacks. And the admins only "allowed" me to post once a month to just educate you all. Now you're all scared. So ironic. You should be, this industry is ruthless and they don't care if children are breathing their toxic fumes or get a respiratory disease. Again it's great you care now but it's too late. What about your neighbors in Thornton, will you attend our meetings? I attended yours in the beginning and trained Laurie Anderson who's doing a wonderful job busting her a*s for this community. She too received ridicule in the beginning. Maybe the lesson is to listen and to be open minded first.</p>		
	<p>Susan Larisa Marx The Broomfield Moms group is not the place to "get into it" or force things on people. You are welcome to post your own groups info so they can join if they choose to and stay informed that way. I don't regret keeping things on this page to once per month. Those are the rules for everyone in this group regardless of the discussion, issue or post. It is to keep it light and respectful for everyone. So please be respectful and kind to each other.</p>		
	<p>Caro JP Education and activism in the beginning would have made a life changing difference but you chose "not to get into it" and limited others choices because you wanted to bury your head in the sand but that didn't work obviously. Susan have a better day and good luck with the 140 wells!</p>		

Feedback - Oil & Gas

	Susan Larisa Marx Wow. This was a group decision, not my decision. Do you live in Broomfield and have kids in Broomfield? I don't see you on here often and just wondering where you fit into the Broomfield community.		
	Susan Larisa Marx Anyone reading this post, she has removed herself from the group. You can now discuss freely without feeling attacked or bullied for things you may or may not have done, believed in, mistaken or not known, as it should be. Unfortunately, had she handled herself differently back in the summer, I think she would have been better received. But being a bully on a local		
	moms group page does not help your cause. Carry on.		
	Ellen Breipohl Thorp The reason we only permitted that member to post once per month was because she was so rude and condescending. Since last summer, several other members of the group has posted on the fracking issue, and we permitted them to do so because it was a balanced and productive discussion that included links and information to in person meetings.		
12/8 - @POTUS no #fracking wells adjacent 2 neighborhood n future reservoir. @broomfield. This is wrong to intermingle industry n residential zone	Like · Reply · December 9 at 10:29am	n/a	twitter
12/8 - @elonmusk How about leveraging your incredible work to beat down fracking in our neighborhood (Broomfield, CO). PM me, help us do right	David Paterson	n/a	twitter
12/6 - @Broomfield, I could not make the city council meeting, but I am concerned, and I am watching #anthem #stopfracking	Jenn Carl	n/a	twitter
12/7 - Thank you to everyone that came to the Broomfield City Council Meeting. Your presence was critical and we had approximately 300 people present that supported Anthem Clean Air and Water's mission. People were packed in the council chambers and standing in the entrance area. The first reading of two ordinances that support ACAW's mission were adopted last night: Ordinance 2039 related to mineral rights and Ordinance 2038 related to a 6-month moratorium. The only vote against Ordinance 2039 was Mike Shelton from Ward 2. The first reading of the moratorium was adopted unanimously. IMPORTANT: The 2nd reading, and final adoption, is scheduled for the council meeting on January 10, 2017. It is critical people attend. RSVP at: http://www.anthemcleanairandwater.org/ to let us know you are coming.	Broomfield Clean Air & Water		Broomfield Clean Air & Water facebook page
	Nancy Laviolette Roberts So awesome to see so many people last night. Please keep getting the word out!		
	John Kolber I am moving to Anthem Ranch in March/April. I should probably get up to speed on this. Where is a good place to jump in?		
	Broomfield Clean Air & Water Whether you are looking to learn more or get involved, go to our website: http://www.anthemcleanairandwater.org/		
	Broomfield Clean Air & Water Please considering RSVPing @ BroomfieldCleanAirandWater.org and register with us at BroomfieldCleanAirandWater.org/get-involved-now		

Feedback - Oil & Gas

12/6 - Forced pooling+milkshakes sound fun until u realize it's #doomfield not good @broomfield & looks like @hickforco isn't helping! #Fracking	Sheridanswim	n/a	twitter
12/6 - City Council of @broomfield just PASSED Ord.2038 imposing a temporary moratorium on #fracking	twistedPolitix	n/a	twitter
12/6 - Council member Elizabeth Law Evans said she'd like to chastise \$XOG for the manner in which they did business. #fracking @broomfield	twistedPolitix	n/a	twitter
12/6 - The real power is in the state house. Contact your state rep to voice your opinion about #fracking #copolitics	twistedPolitix	n/a	twitter
12/6 - @Broomfield Mike Shelton - glad you are "coming around" to voting for ordinance, but not sorry this has led to "fun conversations"	Janna Dailey	n/a	twitter
@Broomfield - Mike Shelton is it really necessary? How far is your house from large scale fracking?	Janna Dailey	n/a	twitter
12/6 - @Broomfield - Fantastic question! When are we meeting with Oil and Extraction in a public meeting?	Janna Dailey	n/a	twitter
12/6 - #fracking has its place, but its not in concentration, nor in communities @broomfield #anthemranch \$XOG	twistedPolitix	n/a	twitter
12/6 - Its not that we are against oil and gas, if 140 Dunkin Donuts wanted to open shop we'd be concerned. #fracking #anthem @broomfield	twistedPolitix	n/a	twitter
12/6 - A passionate citizen just invoked the #Protector position in opposition to #fracking In @broomfield #copolitics #anthem #NoDapl	twistedPolitix	n/a	twitter
12/6 - The #Natgas lobby is speaking on behalf of \$XOG, concerned @broomfield will hinder economic development w/ #moratorium on #fracking	twistedPolitix	n/a	twitter
12/6 - Citizens seeking ST #moratorium on #fracking by \$XOG in @broomfield after @CoSupremeCourt ruled against LT bans	twistedPolitix	n/a	twitter
12/6 - City Council just voted 8/1 in favor of Ord.2039 governing transfer and disposition of @broomfield property in opposition to #fracking	twistedPolitix	n/a	twitter
12/6 (pic) - #nomorefracking Overflow lobby is packed. Great turnout to support fracking moratorium in Broomfield. @broomfield	twistedPolitix	n/a	twitter
12/6 - Hundreds of concerned citizens of @broomfield have gathered to fight #fracking in #Anthem #copolitic #natgas	twistedPolitix	n/a	twitter
12/5 - The only way for your vote to count in the eyes of the City Council is to be present. The Council views the people present as having made the meeting a priority to express their views. If you are unable to attend due to extraordinary circumstances, the best way to show your support is to donate \$10+ to ACAW at http://www.anthemcleanairandwater.org/donate . This allows us to increase our ad spend to get other people at the meeting. Additionally, please reach out to your friends and neighbors and ask them to attend in person.	Broomfield Clean Air & Water		Broomfield Clean Air & Water facebook page
12/5 - Pease come to tomorrow's, Dec 6, council meeting at 6. This is the opportunity to voice your concerns.	Conny Karman	n/a	broomfield moms facebook page
	Heidi Russ Henkel I'm going with a few neighbors. ☺☺		
	Lori Wilson Benjamin I'm curious what exactly can be done to stop it? Colorado state law overrides city bans and Broomfield already signed off on it. I'm not being sarcastic...I'm honestly wondering what we can do about it because I would love to help stop it. I will try to attend the city council meeting.		
	Conny Karman What I learned, this is not final. There is still a chance We also need a lot of people		

Feedback - Oil & Gas

	Jennifer Rigg-Huettl It might not be able to be stopped all together, but the scale may be able to be negotiated. They have a history of leaks and false promises. They basically want to put an industrial site in the middle of residential neighborhoods. That should not be allowed. State laws can be changed, court battles can be won, but if this is allowed to go through they could do this to any neighborhood they wanted- and if there's money to be made they will		
12/3 Hello all! I am not trying to create any discussions about whether or not fracking should take place in Broomfield. However, if you are concerned and want to know more about it there is a meeting December 6th from 6:00 to 6:30 pm. More details in the picture below.	Julieta Espitia	n/a	broomfield moms facebook page
following comments:	Deb Sweetser Kirk There is a front page article in the Boulder Weekly newspaper this week about it and the crazy mineral rights laws if anyone wants to learn more.		
	Maria Chantelle Delavan My husband used to be a fracking engineer. I'm sure he'd be happy to share about it if you have questions.		
	Molly Weber Murphy The fight is not really about fracking itself...it is about an unprecedented amount fracking wells right next to residential areas. Ugly ugly rigs right next to us, large trucks in and out day and night amongst other things. And having this going on for YEARS! I bought in Anthem because it was a beautiful community but this would definitely tarnish that		
	Christine Humphreys Colorado has some very bizarre fracking laws. I am very concerned about residential fracking.		
	Julieta Espitia I agree with you Christine Humphreys and Molly Weber Murphy. The fracking in anthem is something all Broomfield residents should be concerned about. It is just wrong in so many levels to do it right next to residential area.		
	Christine Humphreys Agreed. I live in The Broadlands and I am still concerned.		
12/2 - @broomfield should consider this before allowing #fracking in #Anthem - 80% of leaks happen at storage tanks	twistedPolitix	n/a	twitter
12/1 - @TStoryGroup story on forced CO #Fracking affecting @broomfield residents. @FrackNation @FrackAction @GlobalFrackBan	twistedPolitix	n/a	twitter
11/29 -@broomfield - here's another situation to look forward to if #fracking gets out of control!	twistedPolitix	n/a	twitter
11/29 - @broomfield should pay attention to this! #Erie #Extraction	twistedPolitix	n/a	twitter
11/29 - Is #Fracking Safe? #Colorado residents suffer from chemical poisoning. #Weatherford #frackingfluid http://www.newsweek.com/oil-gas-exploration-fracking-safe-87557 ... @broomfield	twistedPolitix	n/a	twitter
11/29 - Is #fracking making people sick in #Colorado? Resident in #Erie think so. http://bizwest.com/?p=18095 via @bizwestmedia @broomfield @DontfracB	twistedPolitix	n/a	twitter
11/29 - FYI-I heard there are more applications for drilling by this company all Over Broomfield	Jennifer Rigg-Huettl	n/a	broomfield moms facebook page

Feedback - Oil & Gas

<p>11/27 - @Joshua_Roberts_ Ive got a local #WaterPollution issue now. #Fracking planned in @broomfield. #copolitics #natgas https://twitter.com/TwistedPolitix/status/802166374210699264 ...</p>	twistedPolitix	n/a	twitter
<p>11/26 - Moms, please help spread the word. As a fellow Broomfielder, I feel this is our responsibility too to define the direction of the city we are living. I am fine with the fracking technology. But the location feels so uncomfortably close to residential and water resources.</p>	Conny Karman	n/a	broomfield moms facebook page
<p>11/26 - I am absolutely furious that our Council got us into this mess. Absolutely furious. I'm also not anti-fracking but the NEGLIGENCE showed by our current elected officials on this issue is outrageous. Instead of being defensive and telling people to contact their state representatives, they need to be figuring out how to fix this. Hands tied?!?! That's ludicrous.</p>	Ellen Breipohl Thorp		broomfield moms facebook page
	Jennifer Rigg-Huettl I would think they could not only encourage people to contact state representatives, but be doing the same themselves and conveying that they're working with us		
	Jennifer Rigg-Huettl The scale of this is just insane		
<p>11/26 - Extraction Oil & Gas is moving forward with plans to drill 140 wells on 4 pads in Broomfield. These pads are unprecedented in size in Colorado and would sit just over 500 feet from homes and the approved Broomfield Drinking Water Supply, and less than 1500 feet from two K-8 Schools, a playground, hundreds of homes, and the Sienna Reservoir! Drilling and completion will occur round-the-clock for 2 full years during which preliminary CDPHE studies indicated highly elevated levels of air contamination. The final results of this study will not be available until 2018 or later. Why would Extraction proceed with plans that put the community at risk with no health and safety data available? Oil & Gas operators are continually moving closer to Denver. The drilling will not stop in northern Broomfield, it will continue to move south...</p>	Broomfield Clean Air & Water Kandy Axelrod Oil and gas can frack off		Broomfield Clean Air & Water facebook page
	Amy Bates-Nelson Water contamination and earth quakes - frack off indeed!		
	Joan Stern-Murahata The Front Range communities share the air--and our air quality has been poor and dropping for decades... reported research has shown this to be a mix of auto exhaust and methane leaking from wells--we have tens of thousands of wells in Colorado (over 60,000 just north of us in Weld County), and no sure mechanism for appropriate checking for leaks. With this encroachment into residential areas, health risks are rising. We do NOT want to be the experimental area for the maximum number of wells that can be drilled in the closest proximity to families, schools, and seniors.		
	Jon Gray Standing rock is just the tip of the iceberg! This has the potential to get very ugly, very quickly.		
	Bob Winkler Oil development continues while toxins fill the air and dirty money fills their pockets. It must stop before we all get poisoned!		
	Bob Winkler Extraction does it because they can and we the people are not protesting!! People wake up before your community becomes another Greeley. They are on the march once again.		

Feedback - Oil & Gas

	Jennifer Elizabeth Dulles #standwithbroomfield#getthefrackoutofneighborhoods #getthefrackoutofbroomfield#motherfrackers #extractextraction		
	odi Behrens-Stark This is my mantra for this fight. We CAN do it! "Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has." - Margaret Mead		
11/25 - WTF? Broomfield to become a fracking ground? THIS MUST BE STOPPED! #copolitics	twistedPolitix	n/a	twitter
11/15 - WTF @broomfield This NEVER came up in campaigns, NEVER came up in recent city planning meetings. https://twitter.com/DontfracB/status/742938193662709760 ...	twistedPolitix	n/a	twitter
11/23 - In case you are wondering, these are the approximate location of 4 fracking pads. Each consist of 40 wells. It's next to the future Broomfield reservoir, near Wildgrass, 890 feet from Anthem, No automatic alt text available.	Conny Karman	n/a	broomfield moms facebook page

Feedback - Oil & Gas

Suzanne Cabral This information is from Dan Leftwich, Environmental Attorney. Now that Extraction (XOG) has gone public, we're going to have access to some independent (meaning non-underwriter) analysis of its prospects for profitability. Here are some excerpts from one such analysis (quoted material is the opinions of the author, all caps for the "watch your back" excerpts, with my notes in brackets): "XOG's balance sheet does not reflect one significant off-balance sheet liability, a minimum volume commitment for its production. Since the commitment can be satisfied with the delivery of future production volumes instead of cash, it does not impact income statements or the balance sheet unless and until actual cash must be paid for a shortfall. THE MINIMUM VOLUME COMMITMENT HAS A POTENTIAL LIABILITY OF ALMOST \$900 MILLION, A NOT INSIGNIFICANT AMOUNT THAT SHOWS THAT XOG MUST KEEP DRILLING TO DELIVER FUTURE VOLUMES AND AVOID CASH PAYMENTS." "XOG'S DRILLING WILL CERTAINLY GENERATE CASH FLOW, BUT WILL THEY MAKE MONEY? THE CHART BELOW SHOWS THEIR HISTORICAL COSTS, AND THEY DO NOT PRESENT A PARTICULARLY COMPELLING PICTURE. . . . The figures in XOG's Pro Forma Statement of Operations indicate the difficulties XOG has had in its early operations in generating a profit. ALTHOUGH XOG HAS BEEN VERY ACTIVE IN DRILLING NEW WELLS AND GENERATED TOTAL REVENUES OF \$139 MILLION FOR THE SIX MONTH PERIOD ENDING JUNE 30, 2016, IT REPORTED A NET LOSS OF \$100 MILLION AFTER TAX." [NOTE: If it is losing money on these prices, what do you think its cash flow will look like when prices drop from here?]" "If XOG were a full cost company and had to write the value of its reserves down to SEC10 value, it would have an impairment of roughly \$400 million. Subtracting that amount from shareholders' equity of \$1.14 billion would leave a net book value of equity of \$740 million, or roughly \$5/share on a fully diluted basis. [NOTE: XOG'S share price is currently around \$22 -- investors must be counting on XOG to keep drilling, profits or not, in the hopes that the OPEC Fairy will suddenly reach a deal to increase prices to more than \$100/barrel. The last time OPEC did that, the economy crashed.] "XOG'S PRIVATE EQUITY SPONSORS ARE CLEARLY COMING OUT WAY AHEAD ON THE DEAL, DESPITE OPERATING RESULTS THAT ARE UNDERWHELMING. . . . Turning a \$5 book value into a \$22 market value is a "four-bagger" in a very limited period of time and during a period of overall market weakness. GOOD FOR PRIVATE

Feedback - Oil & Gas

<p>11/13 - Extraction Oil & Gas is doing what the big oil & gas companies will not do. They are planning to drill 140 wells on 4 pads just 500 feet from homes in Broomfield and frack under the entire neighborhood. It will take them 70 straight weeks of round the clock drilling followed by another 40 weeks of well completion. Residents will be subjected to highly elevated levels of pollutants (including carcinogenic ones) for 2 years straight! The CDPHE's comprehensive study will not be complete until after these wells are drilled. No company should be allowed to compromise the health of a community!</p>	<p>Broomfield Clean Air & Water</p>		<p>Broomfield Clean Air & Water Facebook page</p>
	<p>Shelly Mccauley What!!!! And the developer did not know this really??? Can you fight this?</p>		
	<p>Janessa Hebb WHAT?!!!!!! No way?!!!!!!!!!!!!!!</p>		
	<p>Broomfield Clean Air & Water Shelly, Janessa, Please be sure to attend tomorrow's Dec 6 Broomfield City Council Meeting from 6 PM to approximately 6:30 PM (see Events) to show your support in opposition of the proposed 140 horizontal fracking well plan. Bring other Broomfield family and friends. Everyone's physical presence at the meeting is essential.</p>		
	<p>Alison Cripps Why aren't the home owners saying something? Don't they own the rights to the land their home is on or did the community home development purposely sell that right off to the oil companies prior to their home purchases? This is a very Sad predicament</p>		
	<p>Broomfield Clean Air & Water Thank you for your comment. The homeowners are speaking out through groups like ACAW. ACAW is working diligently to raise awareness of the concerns and is working towards changing the laws at the state level to protect Broomfield citizens from oil and gas exploration and drilling within residential communities. Please let your friends and family know about ACAW and share our facebook page and home page: www.AnthemCleanAirandWater.org.</p>		
	<p>Em'leh Fox Well looks like you will have to protest like the First Nations in North Dakota did- watch out though the big oil companies may spray water cannons at you as well in frigid temperatures and cause a child to possibly lose her arm and make your lives a living hell- all for your rights to live a clean life- or maybe not-</p>		
<p>11/4 - Hi... I am not sure if you all are aware. Other than the great economic news that IKEA is coming to Broomfield, there is a plan for 161 fracking wells, on 4 pads, next to the future Broomfield reservoir and Anthem and Wildgrass. I personally fine with fracking but it just worries me as the location is so close to residential and reservoir. There is a poll on this website http://anthemcleanair.wixsite.com/website Anthem and Wilgrass is going to have communities photo shoot on Nov 6, at 2 PM, at Wilgrass Playground, East of Sheridan. I thought I just want to share this information in case you would like to learn more...</p>	<p>Conny Karman I also learned that there will be a council meeting on Nov15, at 6:15? Not sure about the time... I encourage anyone who interested to learn about this to come.</p>	<p>n/a</p>	<p>broomfield moms facebook page</p>

Feedback - Oil & Gas

<p>following comments:</p>	<p>Meredith Gibney Talesha, this is literally my backyard. Sucks doesn't begin to explain the stress and anxiety my family are going through right now. They want 40 fracking wells in one spot behind our house right next to a propose Broomfield drinking water reservoir. A...See More</p>		
	<p>Nicole Piekarski I'm in Wildgrass and am extremely upset by this. We bought a year ago on this location because there was no fracking. They are trying to pay homeowners a measly \$500 to destroy our land. I'm againstfracking!! ESPECIALLY IN BASICALLY MY BACKYARD!</p>		
	<p>Rachel Kennedy Really good information here. I struggle to see how the intro of fracking benefits the residents of Broomfield. Not only are there significant health and safety concerns but as Nicole Nicole Piekarski touched on, this will significantly impact property values in a negative way, and our homes are many of our families biggest assets. I will be emailing city council right now! After coffee...</p>		
	<p>Meredith Gibney Thank you Rachel. Please talk to your neighbors and friends the more people that email the louder our voice is!</p>		
	<p>Jennifer Rigg-Huettl The city council has been on the defensive and saying their hands are tied and to contact state reps. We weren't told about this when we decided to move here and would seriously consider a move if it were to go forward. This is a beautiful area that ...See More</p>		
	<p>Rachel Kennedy Did the city give you a specific contact or just contact a state rep?</p>		
	<p>Jennifer Rigg-Huettl They listed the state rep contacts. I believe Michael Bennett was one I'll have to look at others. I voted based on people's positions on fracking bc I believe th only way to make an impact is if we all make a huge stink and bring major publicity to this.</p>		
	<p>Meredith Gibney Our Federal Contacts are: Representative for CO2: Jared Polis: http://polis.house.gov/contact/ and Senators: Michael Bennet: https://www.bennet.senate.gov</p>		
	<p>Suzanne Cabral I think you will find this article informative and relevant to your/our very real concerns for our health, safety and property values. http://www.coloradoindependent.com/.../fractured-triple...</p>		
	<p>Conny Karman I also learned that there will be a council meeting on Nov15, at 6:15? Not sure about the time... I encourage anyone who interested to learn about this to come.</p>		

Feedback - Oil & Gas

	<p>Meredith Gibney Just a reminder there is a city council meeting at 6:00. Please come and stand with us. It should only take 15/30 mins of your time. What is happening in wildgrass and anthem is just the beginning for Broomfield.</p>		
	<p>Suzanne Cabral Ward petroleum is hosting a meeting for the Ivey site 152nd between Washington and York st. by Silver Creek elementary. 26 wells 54 tanks plus other production facilities. We need to unite our communities to show a strong presence of opposition to this industry being so close to neighborhoods, schools and playgrounds. If I'm not ok with it in my back yard I don't want it in yours either.</p>		
	<p>Rachel Kennedy Hi ladies, I received a letter from the city of Broomfield today explaining why the cities hands are tied and an over view of the intentions. I wish I could upload it here but I can't. If you'd like me to send it to you reply with your email.</p>		

ORDINANCE NO. 2038

AN ORDINANCE IMPOSING A TEMPORARY MORATORIUM UNTIL JUNE 13, 2017 ON THE PROCESSING AND APPROVAL OF ANY APPLICATION FOR A PERMIT OR LAND USE APPROVAL RELATED TO THE OPERATION OF A BUSINESS ENGAGING IN OIL AND GAS PRODUCTION AND PROHIBITING THE CONDUCT OF DRILLING FOR OIL AND GAS OR CONDUCTING HYDRAULIC FRACTURING OPERATIONS DURING THE MORATORIUM, SO THAT THE CITY AND COUNTY MAY EVALUATE WHETHER TO ADOPT UPDATED REGULATIONS.

WHEREAS, there is not currently any active drilling for oil and gas in the City and County of Broomfield (“Broomfield”); and

WHEREAS, in the past few years, significant changes in the technology, science and impacts have occurred in the Oil and Gas production industry; and

WHEREAS, the City Council has become aware that certain prospective operators of Oil and Gas drilling and production operations have proposed numerous large scale operations; and

WHEREAS, Oil and Gas drilling and production operations often have significant heavy truck, equipment and other vehicular trips that have the potential to, among other things, seriously impact Broomfield’s roads and traffic; and

WHEREAS, more than three years have passed since the City Council last updated its regulations for Oil and Gas in 2013; and

WHEREAS, the City has no current land use or business regulations relating to Oil and Gas traffic impacts or traffic impact fees, although the regulation of traffic and the imposition of traffic impact fees on Oil and Gas operators is a power specifically allowed to local governments; and

WHEREAS, the City and County needs time to assess whether its regulatory requirements need to be updated, to the extent allowed by applicable law; and

WHEREAS, the City Council is also cognizant of the recent decisions of the Colorado Supreme Court in the City of Longmont and City of Fort Collins cases holding that local governments cannot permanently ban, nor prohibit for extended periods of time, drilling for oil and gas or hydraulically fracturing wells, but which also acknowledged the role of local government in certain types of regulation;

WHEREAS, a temporary moratorium until June 13, 2017 is a reasonable length of time for the City to properly investigate the possibility of updating Broomfield's regulatory framework relating to Oil and Gas operations; and

WHEREAS, Oil and Gas operators will not be unduly prejudiced by the imposition of such a temporary moratorium.

NOW, THEREFORE, BE IT ORDAINED:

Section 1. Findings and Intent. The foregoing recitals are incorporated herein by reference and adopted as findings and determinations of the City Council.

Section 2. Temporary Moratorium. Upon the adoption of this Ordinance, a moratorium is imposed upon the conduct of drilling for oil and gas, hydraulic fracturing, and upon processing and approval by the City of applications for permits, licenses, or any other types of land use approvals related to Oil and Gas operations. City staff is directed to refuse to process, review or approve any such applications during the moratorium.

Section 3. Investigation and Evaluation. During the moratorium, City and County staff, working with the City and County Attorney, shall investigate and evaluate the regulatory authority of the City over Oil and Gas operations, including traffic impacts, including the impact of applicable court rulings and proposed state rules and regulations, and determine whether the regulations should be changed or updated. Specifically, staff should also review the agreement with Sovereign Operating Company, to determine if any adjustments to the applicable guidelines and requirements therein should be updated or clarified.

Section 4. Police Power Finding. The City Council hereby finds, determines and declares that this Ordinance is necessary and proper to provide for the safety, preserve the health, promote the prosperity, and improve the order, comfort, and convenience of the City and County of Broomfield and the inhabitants thereof.

Section 5. Authority. The City Council hereby finds, determines and declares that it has the power to adopt this Ordinance pursuant to: (i) the Local Government Land Use Control Enabling Act, Article 20 of Title 29 C.R.S.; (ii) Part 3 of Article 23 of Title 31, C.R.S. (concerning municipal zoning powers); (iii) C.R.S. § 31-15-103, (concerning municipal police powers); (iv) C.R.S. § 31-15-401 (concerning municipal police powers); (v) C.R.S. § 31-15-501 (concerning municipal power to regulate businesses); (vi) the authority granted to home rule municipalities by Article XX of the Colorado Constitution; (vii) the powers contained in the Broomfield Home Rule Charter (the "Charter"); and C.R.S. 12-43.3-202.

INTRODUCED AND APPROVED after first reading on December 6, 2016, and ordered published in full.


INTRODUCED A SECOND TIME and approved on January 10, 2017, and further ordered published.

THE CITY AND COUNTY OF BROOMFIELD,
COLORADO

Mayor

ATTEST:

City & County Clerk



City & County Attorney