

Report for Oil and Gas Phase 2B Comment

Response Counts

Completion Rate:	100%		
	Complete		73

Totals: 73

1. Please provide your feedback as it regards the proposed oil and gas amendments or attach a file in the spaces below.

ResponseID Response

1 A setback of 2,000 feet isn't nearly enough. The average person takes only about 8 minutes to WALK 2,000 feet. Leave No Trace suggests a single person should walk at least 200 feet from water sources and trails to deposit a single instance of human waste or wash dishes. So the current 250 feet is just 50 feet additional from what we suggest a single person should do alone in the Rockies while camping...2,000 feet is the least you can do. The very, very least. Please recognize that and do right by the people of Arapahoe County. My kids are depending on you to safeguard their health and future.

2 I support increased regulations on oil and gas

3 This all looks good. Harry Yosten

4 Drill baby drill. Let's stop using foreign oil. We need to replenish the strategic oil reserves that have been depleted.

5 As a homeowner who will be in direct line of one of the proposed sites, I fully support the amendments and would expect protection and support by all means necessary for myself, my children, pets and the wildlife to continue living in a safe and healthy environment. Thank you for your consideration and please approve and accept the amendments for all of us.

6 Require IGAs with all counties and municipalities impacted by the drilling, including placement of wells and horizontal fracking bores (e.g., fracking under any Aurora reservoir, homes, schools, hospitals and other occupied structures located in the City of Aurora).

7 I strongly disagree with any and all of it, You are selling us out for the money not to maintain a healthy lifestyle in Aurora. Its cheaper for the oil companies to pay fines than adhere to rules!!!! Please don't allow any more fracking in our county!

8 Given that oil/gas production produces not just energy but substantial tax revenue to the county, and that the county WANTS TO RAISE taxes on the citizens of Arapahoe County, it would be FOOLISH for the county to TOTALLY ban or burden the producers with regulations that cause the proposed wells to be canceled. We need the tax revenue. Please be smart in the demands made on this drilling project.

ResponseID Response

- 9 Please, please, PLEASE do everything you can to protect wildlife, open spaces, and the environment. The population around here is exploding, the traffic is a nightmare, and Arapahoe County is losing its way. Too many houses and condos are being built with no sense of aesthetics, crowding, or environmental impact. These developments give nothing back to the community, they're eyesores and negatively impact quality of life. They bring more cars, more noise, more pollution, and destroy more habitats that should be protected. Anymore the growth in Arapahoe County is metastatic. I've lived here all my life and it's heartbreaking to see this beautiful area disappearing. Please do all you can to preserve this region. And all of Colorado. Our poor state is being overrun and overdone, especially by oil and gas!! Help!
- 11 My name is Charles Daldry. I am a retired Air Force Msgt. I have lived in Aurora for 33 years. I am in favor of moving forward with this project. Reducing oil and gas production tends to increase energy costs for us on a fixed income. Also oil production is important to our national security. Our strategic oil reserve has been drawn down with no effort to replenish it, and our pilots need to fly frequently to maintain their combat skills. Tanks, trucks, and helicopters are all needed,for modern warfare, and all need petroleum.
- 12 Increase setbacks to 2mi from any residential property to reduce likelihood of air quality contamination.
- 13 I am in favor of these proposed amendments. I have only one concern about prohibiting the use of wastewater in the fracking process. That is, is it possible that used wastewater could be allowed in the fracking process if and only if there was a standard or level of permitted contaminants or a degree of allowed contamination in proportion to the total amount of used water? My concern is two-fold: to promote water conservation and reuse, which I am unsure the amendment as proposed embodies. But of course, groundwater protection and safety for humans, livestock, wildlife, soils,, and natural eco-systems should be prioritized

ResponseID Response

14 Subject: Opposition to Oil and Gas Phase 2B Dear Arapahoe County and other decision makers, I am writing to express my strong opposition to the proposed Oil and Gas Phase 2B for oil drilling within our community. As a concerned resident, I believe it is imperative to convey the significant detrimental impacts that such activities would have on our community, economy, and environment. Allowing oil drilling in our area poses grave threats to our environment. Numerous studies have consistently demonstrated the adverse effects of oil extraction on air and water quality, soil health, and biodiversity. The extraction techniques, particularly hydraulic fracturing (fracking), have been associated with contamination of water sources, air pollution, and habitat destruction. These environmental hazards not only jeopardize the delicate balance of our ecosystems but also endanger the health and well-being of residents, particularly vulnerable populations. Furthermore, the economic rationale for oil drilling must be critically examined. While proponents may tout potential short-term economic gains, it is essential to consider the long-term costs and risks associated with such ventures. Studies have shown that reliance on fossil fuel industries can lead to economic instability, as evidenced by the boom-and-bust cycles experienced by many oil-dependent regions. Moreover, investing in renewable energy alternatives offers a more sustainable and resilient path forward, creating jobs and fostering economic growth while mitigating the adverse impacts of fossil fuel extraction. In addition to environmental and economic concerns, the proposed oil drilling project raises profound questions about its compatibility with our community's values and aspirations. As residents, we cherish the unique character of our neighborhoods, the tranquility of our surroundings, and the well-being of our families. Oil drilling activities, with their noise, traffic, and industrial infrastructure, threaten to disrupt the harmony of our communities and compromise our quality of life. Given these considerations, I urge the Arapahoe County and all other decision makers to reject the proposed Lowry Ranch Comprehensive Area Plans and others for oil drilling. It is imperative to prioritize the health, safety, and prosperity of our community over the narrow interests of the fossil fuel industry. I implore you to heed the findings of scientific research, engage with stakeholders, and uphold our collective responsibility to safeguard our environment for future generations. Thank you for considering my concerns. I trust that you will make the right decision for the well-being of our community and the preservation of our environment. Sincerely, Sean Stevenson (970)-946-5796

17 My thoughts about new oil regulations for Arapahoe County I was born in Denver along with all of my brother and sisters. It was a great place to grow up. Hiking, camping, fishing and skiing are a part of my good memories of Colorado. When we would drive from Ft Collins to Denver, I enjoyed seeing the oil pumps out on the fields. Like everyone else, I want to see that things are clean and safe. I am retired now and my dollar does not go as far as it used to. I would like to have enough money for food, a place to live and go out sometime to have fun. With more cost attached to oil, and gas, I don't see that happening . What I do see now, is a duplication of rules that Arapahoe County would like to do to those oil fields. Colorado already is doing these things mentioned on the proposal. I think that before making more rulings, we should see if they are needed. Causing the price of oil and gas to go up. Wait and see how the current ones are working, before wasting my money on duplications.

ResponseID Response

18 I am strongly against this project moving forward and the insistence of this project moving forward is concerning. Regardless, at a minimum, additional amendments must be included. In addition to air quality testing there must be water and soil testing. Additionally, what is the recourse for citizens when there is inevitably a leak and/or pollution? I used to live near Suncor and deliberately moved away due to constant leaks and pollution. Nothing is done there and in no way do I have confidence this would be any different.

21 My name is Walt Curtner. Thank you for providing an opportunity to provide comment about this issue. I've lived in Arapahoe County for over 50 years, and my wife and I have 4 children who also grew up in Arapahoe County, where our children went to schools in Arapahoe County. Before retirement, I was the Director of Risk Management for a petroleum company. In my career there, I was responsible for workers compensation claims, and found that there were not many worker's comp claims. I witnessed a safe and effective industry that was focused on safety and following standards. Years ago, when there was a lot of enthusiasm about cleaner natural gas to bridge the gap to more alternative energy. We should look at using all energy sources to hit Colorado's energy goals, but need to realize that with utility bills soaring, we need to do everything to provide relief to people in Arapahoe county. I'm under the impression that energy costs have soared by 25%. Just like everyone in the county, I want to keep things clean for my children, and grand children and the natural gas industry has shown that it can operate safely and continues to exceed EPA emissions standards in the state. I urge you to not proceed with any further regulations.

ResponseID Response

22 Hi and thank you for letting me comment today. My name is Shannon Erdmann. I am a safety engineer with An environmental science degree occupational health degree, and safety engineering degree. I am a fourth generation Colorado mother of three girls, grandmother of eight girls one boy my roots are deep in Colorado from my ancestors that came to Colorado and homesteaded on the Eastern plains to my grandchildren who are sixth generation Colorado residents. I will always wanna live here because we have all four seasons sometimes in one day, but we're truly blessed. We have an impressive list of state and national parks and taking a weekend drive is always a favorite thing to do to be one of the best places to start a family or retire because the costs were good or at least lower than the average of a big city, we can no longer brag about that now unfortunately I am working two jobs just to make ends meet. I had planned to retire at 67 but now I don't think that's even going to be possible with the rising inflation and rising cost of everything , it is worse for the youth just starting out in Colorado. My family are not alone in this predicament every family whether starting out or retiring are really having to question if they can afford Colorado. The average cost of one bedroom apartment is over \$1000 per month we simply cannot afford to make everything more expensive , when we do not know the return of investment, Colorado has always been very conscientious about our environment. The safety of our Colorado lifestyle fracking has been increasingly perfected in Colorado. Colorado is truly the safest place for oil and gas production, Bar none. Oil and gas production is absolutely critical to our delicate fiscal balance in our beautiful state oil and natural gas benefits Colorado's energy industry, contributes billions to our states economies and supports hundreds of thousands of reliable good jobs. I am one of those recipients. My second job is in oil and gas and without it I would have to rely on public assistance. I support fracking and urge you to support the project for the betterment of Colorado. Like all of you, I want to safe and healthy state, but we simply have to be guided by common sense and a balance of what it takes takes to ensure the states longevity for generations to come. I urge you to follow the heart of a true Colorado that Values conservation, the environment, and our way of life we thank you for being so diligent with your current regulations and urge you not to create a hindrance with a new setback rule. I do not believe this rule will be a benefit to the health of Colorado residence but will create a greater cost to Colorado families financially!!!!

23 No new wells should be approved until the new regulations are in place. New housing developments should be required to meet the same setback rules.

26 It all sounds needed. The oil and gas industry needs monitoring because they have been proven to be untrustworthy if left without supervision. I like the check and balance with state regulators.

ResponseID Response

27 I inherited mineral rights in Weld County from my late grandparents which is managed by Civitas. My grandfather owned a farm and was the CASE distributor of farm implements during the Great Depression and beyond. CASE is a competitor to John Deere but local folks know and trust this company. At that time, oil and gas were necessary for American farms to succeed. No one at that time understood the long-term health effects of burning fossil fuels. My grandparents eventually sold the farm but retained the mineral rights. Today, it is clear that there are better, healthier alternatives to extraction. Solar, wind, and geothermal are just a few of the sustainable energy sources available to consumers now. Many extraction companies have shifted to build solar fields, wind farms, and recalibrate drilling for geothermal. We simply cannot continue to risk the health of Colorado residents. Burning fossil fuel has a negative impact on clean air, safe water, and healthy soil. You may ask why – if I object to extraction – didn't I sell my rights? I do not want to see anyone benefiting from this small drilling operation when I can donate the income to reputable non profits like Citizens' Climate Lobby and Clean Air Task Force. I heartily protest any leasing now and in the future which does not take into consideration what is best for the community and not profits for a corporation.

28 I think the above statements make sense. However, oil and gas wells are one of Colorado's industries that provide many decent paying jobs, so I don't want the amendments to be prohibitive of that. We need oil and gas for a multitude of manufactured goods, not just gasoline for cars and heating for homes.

29 Drill baby Drills we need to build our strategic oil reserves back to maximum.

30 As a 24-year resident of the county, I'm concerned to see Arapahoe County spending money and other resources on these things when the County is failing to meet, basic infrastructure needs - e.g., road and alleyway improvements. These appear to be expenditures for mainly virtue signaling purposes versus for real, tangible benefit to the community. Arapahoe County needs to focus on the basics and fix those before going after what are mostly esoteric concerns.

31 What standards will be used for determining air quality. EPA standards capricious and unreasonable. County inspection program, who will write those rule? Will industry have representatives help write the rules? Will the be fair or just used to bludgeon the industry.

32 Thank you from a resident who is very worried about the closeness of frack sites to the reservoir and to houses.

34 I agree that oil and gas development should have better regulations to protect the environment and public health. Please implement the new amendments.

ResponseID Response

35 Hello my name is Alexander Davis. I have been a resident of the city of Centennial, Arapahoe county for 7 years now. These additional amendments are clearly road blocks setup to with the intent of slowing down the process and equate to government overreach in my opinion. In a time of rising property taxes, the idea of slowing tax revenue should not be entertained. When property taxes go up, household budgets get strained. When tax revenue is lowered then public health initiatives are affected. This is not a good combination for our modern society. I ask that you reject these amendments and continue with the project as-is currently agreed upon.

36 My name is Vallie Smith and I have been a resident of Arapahoe Co. for nearly 39 years. I once saw my county as one that was a good steward to the environment, one that preserves the land and air for future generations, and most importantly, I saw a county that took action to make the quality of life for its residents the best in every way possible. We used to address issues alongside farmers and industries to either mitigate or completely solve environmental problems while also putting food on the table. We called this a good working relationship, balancing industry and the environment while seeking to always get better. Today, I see a massive influx of new residents year after year, which creates greater energy demands, greater pollutants and greater waste with each additional person who moves here. In addition, I see wildlife disappearing, pushed out because of manicured lawns, polished blue grass carpeted parks, new cars, high tension wires and over-congestion. Before we begin attacking an industry that gives us this very way of life, should we not look at ourselves and see how we ourselves are polluting our lands and waters. Personally, I spend 3 to 4 hours of my own personal time each week walking along roadways picking up trash. I am told our county cannot afford to keep up with this, so out of respect for my home and neighborhood, I do it myself. It appears I only have to walk 20 feet to fill a large industrial trash bag. By the time I am finished, my little jeep is filled to the brim with my neighbors' trash and yet I see no evidence of pollution from the Oil and Gas industry while trudging for trash. In fact, I am grateful I can afford to put gas in my vehicle to do this. Perhaps we should stop pointing fingers at industry and start pointing them at ourselves. Perhaps, we go back to the roots of Arapahoe County and work together to ensure that the oil and gas industry can continue to provide a better way of life for families. Today, I am asking that Arapahoe County looks inward to solve problems, before passing blame to an industry that works hard for us. I am urging the County Commissioners to not move forward with any new regulations.

37

Dear Arapahoe County Commissioners, We are writing to you today regarding the proposed Sunlight Long well pad. This pad is proposed to be 3,220 feet from all neighbors who live along the border of the Southshore community. We are opposed to this well pad so close to our homes for many reasons. The most important reason is our health and the health of our children. We have 1,000 children attending schools within a mile radius of 2 of the proposed well pads. And several more wellpads are being proposed in the Lowry CAP, adding to the cumulative effects of air quality for our entire community! The Colorado and County regulations are not sufficient to prevent health risks. You do not need to be a microbiologist, pediatric oncologist, or pulmonologist to look at a massive well pad with their chemicals and gigantic blender trucks , tanker trucks, to see the danger to all of the human beings who live near this operation. Thousands of peer reviewed studies documented health hazards when you have well pads so close to a residential community. Bloody noses, coughing, shortness of breath, unexplained rashes, chronic asthma are just some of the documented health effects in fracking communities. Our government agencies and elected lawmakers still prefer to only listen to Oil and Gas research and studies. Depression, anxiety, and sleep disorders are well documented in communities close to fracking. Colorado communities are feeling hopeless and abandoned by the government officials that are supposed to protect us. Most in our community do not want to live in Southshore and surrounding affected communities if you approve these well pads. but they cannot afford to move, to buy another home at current rates. Fire is already an exttreme risk in the 32,000 acres behind our community. Now lets add 32 wells running under hi pressure. What is the evacuation plan for our community? Civitas' plan is to put a pipeline in front of this well pad, and then Civitas wants to put a 2 lane road big enough for tankers to drive on, IN FRONT OF THE WELL PAD! Now how far will this be from our properties/community? Our children and grandchildren who live along this line will be staring at tankers driving by. Government officials defensively say that Colorado has the strictest oil and gas regulations in the country. It is NOT a law that oil and gas companies should automatically get to frack as close as they can to populated areas! What about us? What about all the human beings who have to live near wells? Why wasn't Crestone told they can frack 2 miles or more away from us? Why were they given the very best scenario for their multi million business? Why wasn't the decision made to put us, the community first? Why our lives being ruined so Crestone can be given the very best scenario for their business? Make it less convenient for them to destroy our community. Commissioners, would you approve this project if you lived in our neighborhood, in our homes? In homes of hundreds of neighbors who live as close as we will to the well pad? Would you approve this 3220 setback if your grandchildren lived in our homes, or your pregnant daughter? Or your elderly parents? ECMC Commissioner , Brett Ackerman, stated at the decision making Hearing for the LOWRY CAP that Arapahoe Commissioners are the governing body for our community and he does not want to override the decisions made by an elected body to decide how to govern the safety of their constituents. Every government agency failed us. Now we are relying on you to protect our rights. The right to live as you all live...in an environment not poisoned by pollutants. Choose us!

ResponseID Response

38 My name is Mark Stallins, and I am a resident of Arapahoe County, and serve as the President/Founder of the National Honor Tour. We dedicate time and resources, traveling the country and honoring fallen service members, ensuring that their legacy is protected. This line of work often takes me from corner to corner of the country. The mileage that is put on my vehicles has turned me into a DIY mechanic to cut down on costs, as well as a Logistician, finding the most efficient routes to conserve fuel. Arapahoe County is lucky to have such available resources at our disposal, and in a time of unpredictable economic certainty, we should, as a County leverage any and all resources we have to ease the burden on taxpayers. I am a Coloradoan, and want clean air. We need to realize that emissions from the oil and gas sector have gone down, and we should let previous regulations have breathing room to cut down on emissions, as they were designed to. Placing blame on one industry is unreasonable, and I urge you not to proceed with any future regulations on the Oil and gas Industry.

39 What kind of fucking morons plan a housing sub division next to a land which is zoned to be fracked next to a reservoir which serves water for domestic use ? The answer is arapahoe county city planners :)

40 My name is Robert Nord. I have lived in Arapahoe County for 7 years, and I was born and raised in Colorado. In my life, I have traveled all over the country working with the Department of Energy, handling labor relations and resolving differences. I was fascinated with the power division and the engineering of power plants and their efficiency for our society. Thank you for working so diligently with the energy industry to ensure we have safe and clean production. During my time working in the field, it was amazing to see the innovations made to clean up production and the new technologies created to mitigate pollution back then. I believe the science today of drilling for oil and gas is close to perfection. Over the years, the industry has continued to make huge strides in being cleaner and more efficient with energy production, just as I observed from the 1960s to the 2000s with coal production. Every plant we built brought improvements that were necessary to clean our environment. Oil and gas production is essential to our way of life in Colorado and can greatly contribute to Arapahoe County's economy, bringing the jobs we need. I urge the County not to impose new regulations on oil and gas production and to continue working with the industry to improve our technologies and contribute to a cleaner environment.

42

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ResponseID Response

45

Dear Arapahoe County Commissioners, We are writing to you today regarding the proposed Sunlight Long well pad. This pad is proposed to be 3,220 feet from all neighbors who live along the border of the Southshore community. We are opposed to this well pad so close to our homes for many reasons. The most important reason is our health and the health of our children. We have 1,000 children attending schools within a mile radius of 2 of the proposed well pads. And several more wellpads are being proposed in the Lowry CAP, adding to the cumulative effects of air quality for our entire community! The Colorado and County regulations are not sufficient to prevent health risks. You do not need to be a microbiologist, pediatric oncologist, or pulmonologist to look at a massive well pad with their chemicals and gigantic blender trucks , tanker trucks, to see the danger to all of the human beings who live near this operation. Thousands of peer reviewed studies documented health hazards when you have well pads so close to a residential community. Bloody noses, coughing, shortness of breath, unexplained rashes, chronic asthma are just some of the documented health effects in fracking communities. Our government agencies and elected lawmakers still prefer to only listen to Oil and Gas research and studies. Depression, anxiety, and sleep disorders are well documented in communities close to fracking. Colorado communities are feeling hopeless and abandoned by the government officials that are supposed to protect us. Most in our community do not want to live in Southshore and surrounding affected communities if you approve these well pads. but they cannot afford to move, to buy another home at current rates. Fire is already an exttreme risk in the 32,000 acres behind our community. Now lets add 32 wells running under hi pressure. What is the evacuation plan for our community? Civitas' plan is to put a pipeline in front of this well pad, and then Civitas wants to put a 2 lane road big enough for tankers to drive on, IN FRONT OF THE WELL PAD! Now how far will this be from our properties/community? Our children and grandchildren who live along this line will be staring at tankers driving by. Government officials defensively say that Colorado has the strictest oil and gas regulations in the country. It is NOT a law that oil and gas companies should automatically get to frack as close as they can to populated areas! What about us? What about all the human beings who have to live near wells? Why wasn't Crestone told they can frack 2 miles or more away from us? Why were they given the very best scenario for their multi million business? Why wasn't the decision made to put us, the community first? Why our lives being ruined so Crestone can be given the very best scenario for their business? Make it less convenient for them to destroy our community. Commissioners, would you approve this project if you lived in our neighborhood, in our homes? In homes of hundreds of neighbors who live as close as we will to the well pad? Would you approve this 3220 setback if your grandchildren lived in our homes, or your pregnant daughter? Or your elderly parents? ECMC Commissioner , Brett Ackerman, stated at the decision making Hearing for the LOWRY CAP that Arapahoe Commissioners are the governing body for our community and he does not want to override the decisions made by an elected body to decide how to govern the safety of their constituents. Every government agency failed us. Now we are relying on you to protect our rights. The right to live as you all live...in an environment not poisoned by pollutants. Choose us! Zane Palmquist 27867 E Costilla Dr Aurora CO 80016

46

Dear Arapahoe County Commissioners, We are writing to you today regarding the proposed Sunlight Long well pad. This pad is proposed to be 3,220 feet from all neighbors who live along the border of the Southshore community. We are opposed to this well pad so close to our homes for many reasons. The most important reason is our health and the health of our children. We have 1,000 children attending schools within a mile radius of 2 of the proposed well pads. And several more wellpads are being proposed in the Lowry CAP, adding to the cumulative effects of air quality for our entire community! The Colorado and County regulations are not sufficient to prevent health risks. You do not need to be a microbiologist, pediatric oncologist, or pulmonologist to look at a massive well pad with their chemicals and gigantic blender trucks , tanker trucks, to see the danger to all of the human beings who live near this operation. Thousands of peer reviewed studies documented health hazards when you have well pads so close to a residential community. Bloody noses, coughing, shortness of breath, unexplained rashes, chronic asthma are just some of the documented health effects in fracking communities. Our government agencies and elected lawmakers still prefer to only listen to Oil and Gas research and studies. Depression, anxiety, and sleep disorders are well documented in communities close to fracking. Colorado communities are feeling hopeless and abandoned by the government officials that are supposed to protect us. Most in our community do not want to live in Southshore and surrounding affected communities if you approve these well pads. but they cannot afford to move, to buy another home at current rates. Fire is already an exttreme risk in the 32,000 acres behind our community. Now lets add 32 wells running under hi pressure. What is the evacuation plan for our community? Civitas' plan is to put a pipeline in front of this well pad, and then Civitas wants to put a 2 lane road big enough for tankers to drive on, IN FRONT OF THE WELL PAD! Now how far will this be from our properties/community? Our children and grandchildren who live along this line will be staring at tankers driving by. Government officials defensively say that Colorado has the strictest oil and gas regulations in the country. It is NOT a law that oil and gas companies should automatically get to frack as close as they can to populated areas! What about us? What about all the human beings who have to live near wells? Why wasn't Crestone told they can frack 2 miles or more away from us? Why were they given the very best scenario for their multi million business? Why wasn't the decision made to put us, the community first? Why our lives being ruined so Crestone can be given the very best scenario for their business? Make it less convenient for them to destroy our community. Commissioners, would you approve this project if you lived in our neighborhood, in our homes? In homes of hundreds of neighbors who live as close as we will to the well pad? Would you approve this 3220 setback if your grandchildren lived in our homes, or your pregnant daughter? Or your elderly parents? ECMC Commissioner , Brett Ackerman, stated at the decision making Hearing for the LOWRY CAP that Arapahoe Commissioners are the governing body for our community and he does not want to override the decisions made by an elected body to decide how to govern the safety of their constituents. Every government agency failed us. Now we are relying on you to protect our rights. The right to live as you all live...in an environment not poisoned by pollutants. Choose us! Micah Palmquist 27867 E Costilla Dr Aurora CO 80016

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47 I heartily approve of these proposed amendments. These all seem in line with protecting air quality and safety. I would also prefer to see no new drilling or fracking. I inherited mineral rights in Weld County from my late grandparents which is managed by Civitas. My grandfather owned a farm and was the CASE distributor of farm implements during the Great Depression and beyond. CASE is a competitor to John Deere but local folks know and trust this company. At that time, oil and gas were necessary for American farms to succeed. No one at that time understood the long-term health effects of burning fossil fuels. My grandparents eventually sold the farm but retained the mineral rights. Today, it is clear that there are better, healthier alternatives to extraction. Solar, wind, and geothermal are just a few of the sustainable energy sources available to consumers now. Many extraction companies have shifted to build solar fields, wind farms, and recalibrate drilling for geothermal. We simply cannot continue to risk the health of Colorado residents. Burning fossil fuel has a negative impact on clean air, safe water, and healthy soil. I heartily protest any leasing now and in the future which does not take into consideration what is best for the community and not only profits for a corporation.
Jennifer Rodehaver Boulder Colorado

48 The more restrictions you put on oil and gas means the more expensive the costs are for us, the consumer. Please stop. How are we supposed to heat our homes? Many of us are turning to alternative means to heat our houses... like burning wood in a fireplace. This is not good for the environment, but it becomes necessary because you are killing the industry that is the most efficient way to heat our homes. Hint: electrifying everything or wind-milling everything is not nearly as efficient, and actually is just as bad (if not worse) for the environment in the long run than natural gas... When the batteries die in zero degree weather, and there is not another form of heat, grandma and our children freeze to death. I don't think that is a great outcome for our county.

49 We are putting our children's lives at risk by doing this so close to our home. We thought we were buying our dream home- not putting our children and health in danger.

50 I owe a thank you, to my commissioners in Arapahoe for asking residents to contribute to this decision-making process, and taking the time to read everybody's Comment. My name is Loretta Perry, and I have lived in Colorado for over 50 years. I originally moved to Colorado for school, and started at Colorado Women's College, where I then transferred into DU and not only earned my degree, but also met the love of my life at a pizza shop in Cherry Creek. I moved away from Colorado for a sliver of time, and instantly regretted this and moved back to west to Colorado. I have seen this state explode with growth, and the town I live in now, didn't even exist when I first moved here. The state of Colorado has been a trailblazer in reducing air pollutants, and I am happy with the efforts being made to clean up the air, and I can tell they are working because the front range is less hazy, and I am able to still keep moving on my bicycle. In fact, my favorite place to ride is at the Aurora reservoir, and I personally have never had any problems, even on those high intensity days. Having seen the improvement of air quality along the front range, and the results of many, many more regulations put in place by the state, and innovative solutions from the oil and gas industry, I urge the Arapahoe County Commission to allow for current regulations in place at the state level to unfold, before any more regulations are considered.

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51 Dear Arapahoe County Commissioners, I write to you today with a plea for the wellbeing of our community in response to the proposed Sunlight Long well pads near our homes in the Mead District of Southshore. The implications of this project alarmingly encroach upon the safety and health of our families, including my three young children, who recently settled in this area hoping for a peaceful and secure environment in a well sought after school district in Cherry Creek. The proximity of the proposed well pad - a mere 0.6 miles from our residences - raises great concerns that cannot be ignored. The potential environmental pollution, disruptive noise levels, compromised air quality, and the increased risk of dust and hazards from truck traffic pose significant threats to our community's welfare. Furthermore, the impact on our property values, wildlife, fire risks, and recent alarming discovery of a WWII bomb near our homes only elevate the urgency of our appeal. Despite our efforts to voice our concerns at hearings, community events, and engagements, it seems that regulatory compliance takes precedence over genuine empathy for the residents, wildlife, and natural habitats that will be greatly affected. The complacency towards the valid fears and well-being of the thousands of individuals in our community is disheartening, especially when calls for a reasonable compromise to relocate operations further away from our homes, schools and the Aurora Reservoir remain unheard. Disturbing reports of past environmental infractions and damages totaling over \$6M since 2020 by Civitas, along with misleading claims of carbon-neutral practices, cast doubt on the company's commitment to safety and responsibility. Concerns surrounding governance, operational integrity, preparedness for emergencies, and the ability to safeguard against potential disasters are largely concerning, underscoring the company's inadequate preparedness for worst-case scenarios. The lack of a comprehensive plan to address potential risks and emergencies, combined with the inadequacy of proposed safety measures, poses an unacceptable threat to our community's safety and well-being. The need for heightened vigilance and robust safeguards to protect our families, schools, wildlife, and recreational areas from potential harm cannot be overstated. In the face of these imminent dangers and the inadequacy of proposed safeguards, we implore the Arapahoe County Commissioners to prioritize the safety and welfare of our community by rejecting the proposed well pads in their current location. Our collective well-being and safety should never be compromised for the interests of profit-driven ventures. Thank you for your attention to this urgent matter. The safety and security of our community depend on your thoughtful and responsible decision-making. Sincerely, Southshore Resident JoLynn Brown

52 No leaks no fires

53 There are numerous studies about the short-term consequences of fracking regarding proximity to development for health, water safety, ground pollution etc. Oil companies are notorious for doing the minimum safety procedures required by officials. I have come across numerous studies about long term consequences, some unintended, once activities have ceased or moved on to areas nearby. I have attached links to 5 problems in PA and TX where geysers of methane gas and eruption of contaminated salty water are shooting into the air from abandoned wells or a new fracking site that is disturbing an old, unmarked well causing the old well to "frac-out". This forces people to leave the area, and permanently pollutes the land. Is this a price we are willing to pay for short term gain? Links to the events are in the attached file.

54 Please see attached file for comments

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- 55 Dear Arapahoe County Planning Staff, 1. I want to highlight that in this recent article, the commission states the cost of financial assurances for each well is \$120k, but at the upcoming regulation hearing 9/3, the commission is only recommending \$95k financial assurance per well on the Lowry CAP. This wouldn't include inflation over the course of the life of these wells. There is also no financial assurance for fire damage or spills causing extensive environmental damage, so I'd expect the number could be even higher than \$120k per well. <https://coloradosun.com/2023/03/08/oil-gas-companies-plug-remediation-costs/> The decision should be to ask for a greater financial assurance to include for inflation over the life of the well pad. Upwards of \$130k per well. 2. Without a comprehensive emergency plan in place, the nearby public won't be immediately notified when air quality issues spike above acceptable levels. Residents will be responsible for raising these issues as they arise (as already seen with OG operations in Erie, CO), including noise, light, truck dust pollution and potential fire risks. 3. The roads that will be used to export wastewater offsite will be even closer to Southshore residents and our pathways next to the reservoir. They will be located between the well pads and bordering the homes in the Mead District in Southshore that face the Lowry Ranch. Daily truck traffic will be continuous during operations. 4. Setbacks from schools, residences and reservoir should be moved further away, at least 5280 feet (1 mile). This should also include haulage roads used to transport wastewater materials offsite to further protect human health and our precious water resources. Please use this as an opportunity to protect the residents, wildlife, reservoir and schools. We are counting on these regulations to go beyond current guidelines as we expect regulations to change over time and become more stringent as they look to protect the environment and well being of the communities in which they operate.
- 56 These are a bare minimum and should be passed. However they do not go far enough. I am specifically worried that water quality monitoring is not being addressed at all.
- 57 In addition to the above proposals - please move the proposed site for the State Sunlight - Long pad one mile farther east away from our homes and schools. Please provide sound absorptive and/or reflective baffling around all drill sites (sending the sound waves east away from our homes and schools). thank you for protecting our neighborhoods.

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Dear Arapahoe County Commissioners, I write to you today with a plea for the wellbeing of our community in response to the proposed Sunlight Long well pads near our homes in the Mead District of Southshore. The implications of this project alarmingly encroach upon the safety and health of our families, including my three young children, who recently settled in this area hoping for a peaceful and secure environment in a well sought after school district in Cherry Creek. The proximity of the proposed well pad - a mere 0.6 miles from our residences - raises great concerns that cannot be ignored. The potential environmental pollution, disruptive noise levels, compromised air quality, and the increased risk of dust and hazards from truck traffic pose significant threats to our community's welfare. Furthermore, the impact on our property values, wildlife, fire risks, and recent alarming discovery of a WWII bomb near our homes only elevate the urgency of our appeal. Despite our efforts to voice our concerns at hearings, community events, and engagements, it seems that regulatory compliance takes precedence over genuine empathy for the residents, wildlife, and natural habitats that will be affected. The complacency towards the valid fears and well-being of the thousands of individuals in our community is disheartening, especially when calls for a reasonable compromise to relocate operations further away from our homes, schools and the Aurora Reservoir remain unheard. Disturbing reports of past environmental infractions and damages totaling over \$6M since 2020 by Civitas, along with misleading claims of carbon-neutral practices, cast doubt on the company's commitment to safety and responsibility. Concerns surrounding governance, operational integrity, preparedness for emergencies, and the ability to safeguard against potential disasters are largely concerning, underscoring the company's inadequate preparedness for worst-case scenarios. The lack of a comprehensive plan to address potential risks and emergencies, combined with the inadequacy of proposed safety measures, poses an unacceptable threat to our community's safety and well-being. The need for heightened vigilance and robust safeguards to protect our families, schools, wildlife, and recreational areas from potential harm cannot be overstated. In the face of these imminent dangers and the inadequacy of proposed safeguards, we implore the Arapahoe County Commissioners to prioritize the safety and welfare of our community by rejecting the proposed well pads in their current location. Our collective well-being and safety should never be compromised for the interests of profit-driven ventures. Thank you for your attention to this urgent matter. The safety and security of our community depend on your thoughtful and responsible decision-making. Sincerely, Lanissa Larsen Southshore Resident

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I would like to suggest that these regulations need to have different levels as far as setbacks are concerned as they apply to different CAPS. I live in a neighborhood very close to the Lowry Ranch CAP and as I consider these regulations, they may be sufficient for a smaller scale project but they do not feel sufficient for the size and location of a project such as the Lowry Ranch CAP. Are these regulations truly taking into consideration the cumulative impact of a CAP that includes 166 wells? I don't believe they are. What may be safe for one pad of 33 wells quickly becomes unsafe when amplified by other wells in such close proximity. Please take into consideration these different projects and create regulations that address the different needs to keep our environment safe and the people who are directly impacted by these projects safe.

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61 Propose that any well pads next to residences be moved further out from homes, schools and the reservoir. The request is to move these operations at least 2 miles from any buildings, structures, schools, reservoir concrete bike pathways, and includes a recommendation, that if operators are proposing operations within a 3 mile radius of homes or schools, or reservoirs, water resources, that a study group of residents, affected party status, reservoir/water management officials, and school officials be invited to participate in the study/focus group to help evaluate the options. This would ensure community input is included on placement of wells. Thanks for your consideration!

65 Comments of Renegade Oil & Gas are attached.

67 From Bill Kroesser, Ph.D., Aurora Resident who spent his entire career helping chemical manufacturers and coal mine operators conduct their operations while avoiding harm and nuisance to residents. Enclosed are: 1. Compendium by Physicians for Social Responsibility detailing the harms of fracking as currently practiced, including references to 2,557 scientific articles showing why fracking is not healthy in or nearby Aurora: <http://concernedhealthny.org/compendium/> 2. My two-page summary of the above 3. Three versions of an article detailing the costs of reclaiming fracked land, first a summary, 4. Full article on reclaiming costs 5. American Chemical Society scientific article detailing the costs and methods used. Finally, a plea for a moratorium while we digest this wealth of information and look for other sources and observe former fracking sites to see if the damage is as bad as the experts are telling us. I understand that Arapahoe has empty positions to fill for experts to assist with these decisions. Since it takes so long to hire competent people, the County might consider having volunteers with expertise assist in the decision-making process. Many of us have had careers where we lived through the development, implementation, and eventual banning of activities that impact the public, such as: Tetra-ethyl-lead in gasoline Tobacco products Teflon manufacture Chromium 6 (Erin Brockovich) Fluorocarbons (current health hazard in WV) Lead in paint, and heavy metals in the Great Lakes Polycarbonated biphenols (PCB's) X-ray machines in shoe stores; Tanning beds Widespread use of asbestos Thank you for taking on this difficult decision. "Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking and Associated Gas and Oil Infrastructure (Ninth Edition)," October 2023 Concerned Health Professionals of New York and Physicians for Social Responsibility <http://concernedhealthny.org/compendium/> Summary of Findings (page 9 of 104 page report and 533 pages of summaries of other reports) As of 2022, hydraulic fracturing techniques had been used on an estimated one million wells across the United States to shatter rock layers and extract the oil or gas trapped inside. With hydraulically fractured shale wells now producing at least 79 percent of U.S. natural gas and 65 percent of U.S. crude oil, fracking, no longer "unconventional," has become the standard method for oil and gas extraction. As fracking operations in the United States and abroad have increased in frequency, size, and intensity, a significant body of evidence has emerged to demonstrate that these activities are harmful in ways that cannot be mitigated through regulation. Threats include detrimental impacts on public health, climate stability, water and air quality, farming and livestock, property values, economic vitality, and quality of life. Emerging science also shows that fracking is an environmental injustice, with injuries not borne equally by all. Throughout the United States, fracking harms pregnant women, children, Indigenous people, communities of color, and low-income communities disproportionately. A growing and substantial body of research reveals fundamental problems with the entire life cycle of operations associated with fracking and its infrastructure. Independent, peer-reviewed analyses

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indicate that fracking is an unpredictable process with innate engineering problems that include uncontrolled fracturing, induced earthquakes, and well casing failures that

worsen with age. Intractable problems also include radiation releases; abandoned wells that serve as pathways for contamination; and venting, flaring, and blowdowns that result in methane releases. As documented in more than 110 studies, toxic air pollution accompanies fracking. More than 200 airborne chemical contaminants have been detected near drilling and fracking operations, and air monitoring has confirmed strikingly high levels of toxic air pollutants in communities near these sites. Of these chemicals, 61 are classified as hazardous air pollutants with known health risks, including the potent carcinogens benzene and formaldehyde. Additional fracking-related air pollutants include diesel exhaust, fine particles, hydrogen sulfide gas, nitrogen oxides, chlorine, and other chemical precursors of ground-level ozone (smog), which can damage respiratory, cardiovascular, and nervous systems. In many cases, concentrations of fracking-related air pollutants in communities where people live and work exceed federal safety standards, even in some rural communities. Research shows that air emissions from fracking and flaring can drift and pollute the air hundreds of miles downwind. Indoor air pollution from gas stoves, which represent the terminus of the fracking pipeline, includes nitrogen oxides, carbon monoxide, fine particulate matter, and benzene. About one in every eight cases of asthma in U.S. children is attributable to exposure to emissions from gas stoves. Each day in the United States, more than two billion gallons of pressurized fracking fluids are pumped underground for the purpose of extracting oil and gas or, after the fracking is finished, to inject the extracted wastewater into any of more than 187,000 disposal wells across the country. As documented by more than 200 studies, these fracking-related activities have depleted or contaminated water resources, including drinking water sources. Studies from across the United States provide irrefutable evidence that groundwater contamination has occurred as a result of fracking activities and is more likely to occur close to well pads. Spills and intentional discharges of fracking fluids and fracking waste into surface water have profoundly altered the chemistry and ecology of streams throughout entire watersheds, increasing downstream levels of radioactive elements, heavy metals, endocrine disruptors, toxic disinfection byproducts, and acidity, and decreasing aquatic biodiversity. Demand for water to use in U.S. fracking operations has more than doubled since 2016. The water used for fracking that remains in the shale formation is permanently lost to the hydrological cycle. Studies also show that fracking can deplete streams and aquifers in ways that create water scarcity in drought-prone regions. Along with fracking itself, the injection of fracking waste is a proven cause of earthquakes. The disposal of fracking wastewater remains a problem with no solution. With more than 17.6 million U.S. residents living within one mile of at least one active oil and gas well, the result is a public health crisis. As documented in more than 120 studies, public health harms now linked with drilling, fracking, and associated infrastructure are well-established. They include cancers, asthma, respiratory diseases, skin rashes, heart problems, and mental health problems. Multiple corroborating studies of pregnant women residing near fracking operations across the nation show impairments to infant health, including birth defects, preterm birth, and low birth weight. Emerging evidence shows harm to maternal health—including elevated risks for eclampsia during pregnancy—and shortened lifespans among older residents living in proximity to oil and gas wells. Fracking is accelerating the climate crisis. North American fracking operations for both oil and gas are driving the current surge in global levels of methane, a greenhouse gas 86 times more potent at trapping heat than carbon dioxide over a twenty-year period and which has contributed approximately 40 percent of all global warming to date. Methane escapes into the atmosphere from all parts of the extraction, processing, and distribution system, at rates that, as demonstrated through multiple methodologies, sometimes exceed earlier estimates by a factor of two to six. Recent scientific findings indicate that slashing

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methane emissions is far more critical in halting global warming than previously understood. Liquefying natural gas via super-chilling to allow its overseas transport as

LNG adds further to the prodigious greenhouse gas emissions of natural gas obtained via fracking, due in part to the immense energy and evaporative cooling required by the liquefaction process. Carbon capture and storage, now being promoted as a tool to address climate change, is an unproven set of technologies that does not account for methane emissions, cannot obviate the climate damage created by fracking, worsens local air pollution, and, as currently practiced, mostly serves as a tool of enhanced oil recovery that allows depleted wells to produce more oil. In sum, the vast body of scientific studies now published on hydraulic fracturing in the peer-reviewed scientific literature confirms that the public health and climate risks from fracking are real and the range of environmental harms wide. Our examination uncovered no evidence that fracking can be practiced in a manner that does not threaten human health directly or without imperiling climate stability upon which human health depends. The rapidly expanding body of evidence compiled here is massive, troubling, and cries out for decisive action. Across a wide range of parameters, the data continue to reveal a plethora of recurring problems that cannot be sufficiently averted through regulatory frameworks. The risks and harms of fracking are inherent in its operation. The only method of mitigating its grave threats to public health and the climate is a complete and comprehensive ban on fracking. Indeed, a fracking phase-out is a requirement of any meaningful plan to prevent catastrophic climate change. COST OF RECLAIMING FRACKING SITES SUMMARY FROM RESOURCES FOR THE FUTURE STORY: <https://www.rff.org/news/press-releases/new-study-reveals-key-factors-for-estimating-costs-to-plug-abandoned-oil-and-gas-wells/#:~:text=The median cost of plugging a well without restoring the,increases costs by 20 percent. FULL STORY: https://www.rff.org/publications/journal-articles/decommissioning-orphaned-and-abandoned-oil-and-gas-wells-new-estimates-and-cost-drivers/> ORIGINAL ARTICLE: Resources for the Future full story from the American Chemical Society: <https://pubs.acs.org/doi/10.1021/acs.est.1c02234#> "We do not inherit the earth from our ancestors, we borrow it from our children." Chief Seattle

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This process must be thoughtful. Do not rush for political considerations.

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Dear Arapahoe County Commissioners, I am writing you today to ask you to stop The construction of Sunlight Long pad in my community. Hundreds of residents live within 3,200 feet of this massive wellpad with 32 wells. And thousands live within a mile. And a 2 lane road will be built in front of this wellpad large enough for 50,000 lb semis to pass by. Now how close will this be to our homes? The Health risks, environmental risks, fire risks are overwhelming. The most outrageous fact is that there 26,000 acres to drill on. Why are our state and local governments giving Civitas a permit to drill within 3000 feet our homes?? Air quality. With 32 wells running 241 days continuously, our already poor air quality will deteriorate further with methane and other VOC's. There is not a force field that comes down at 3,000 feet. This toxic air will drift on our properties and our health will be further at risk. I have studied the traffic plan. Some days will have 40 50-70,000 semis traveling on the road in front of the wellpad. Not one resident purchased our home to look onto a massive factory right in our backyards. We are being victimized by the very people who were elected, appointed to protect us . Our property values will become so devalued . Noise. 241 days of continuous drilling. Electrification promises in 2b rules contain loopholes for Civitas . If Excel cannot provided, well then they will not electrify. Walls do not work, ask the residents of Broomfield. Fire. Thousands of acres of wild grass behind our homes with 32 high pressure pumps running continuously for a year containing hazardous fracking chemicals. Why would you put this industry so close to thousands of residents? When you have 26,000 acres to drill on?? And a fire department that is mostly volunteer at best, 20 minutes away on these new roads,. Disturbing reports of past environmental infractions and damages totaling over \$6M since 2020 by Civitas, along with misleading claims of carbon-neutral practices, cast doubt on the company's commitment to safety and responsibility. Concerns surrounding governance, operational integrity, preparedness for emergencies, and the ability to safeguard against potential disasters are largely concerning, underscoring the company's inadequate preparedness for worst-case scenarios. And the long term effects of residential fracking will not be known for years. Our country has learned all the harm done to residents by the byproducts of industries who operate close to residential communities. U. S. Steel, Dow Chemical , Dupont, and yes Fracking. The list goes on and on. Nothing about this proposed wellpad makes any sense regarding public health and safety. Most of the above issues would not be issues if fracking pads were place farther away from homes. There is so much Oil and Gas reserves in our state. There is no need to place the residents of our community in harms way. Thank you for your attention to this urgent matter. The safety and security of our community depend on your thoughtful and responsible decision-making. Sincerely, Ann & Sakhie Hussain 6900 South Yantley court, Aurora

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I urge you to consider making Arapahoe County's protections for oil and gas operations even stronger. Please see the attached document for my comments. Thank you. Barbara Dungey 11552 E 1st Ave, Aurora, CO 80010 720-253-6629 cell barbara.b.dungey@gmail.com

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As an Arapahoe County resident, I support new oil and gas regulations; however, I have some comments for possible improvements on what is currently proposed. I believe financial assurances for each well should be much higher to deter abandonment, such as \$500,000 per well. \$95,000 is not significant for multi-billion dollar operators, even if that is what you estimate it would cost to plug the wells. You must deter as well. Next, the amount of air quality monitoring and penalties for infringement from operators needs to be outlined more clearly. The county inspection program is essential, but it should be done monthly or at the very least quarterly vs. twice per year. Setbacks for new development should be at least 3,000 feet, not 2,000 feet. There should not be a "reverse setback" loophole at all. Be consistent with the distance. This makes everything easier for the public to understand as well. Personally, I would prefer 1 mile to avoid air quality issues and home values going down. I strongly believe you should also close the loophole that allows O&G development within 1-mile of reservoirs and planned reservoirs. This loophole is dangerous and not protective of public health nor the recreation aspect that reservoirs provide. I strongly agree with the proposed prohibition of commercial injection wells - these wells have no place in the county and has been linked to very serious negative outcomes. I also believe new regulations should be proposed to more properly consider fire protection. This may include more detailed action plans, response time tests and training, and pad placement further from homes in conditions that commonly experience drought and dry conditions. In addition, there needs to be a limit on the number of wells that can be placed on one pad. Some of the proposed mega-pads proposed (for instance the State Sunlight-Long pad by Civitas in Lowry Ranch) are massive in size, with up to 32 wells proposed on one pad. It's impossible to predict the impact of this large of a site and to contain the risks of fire, air pollution and water contamination. This scale needs to be capped, perhaps at 10 wells per pad. Finally, I believe Arapahoe County should enact a policy where it refuses sponsorship contributions from O&G companies. It creates a massive conflict of interest and erodes trust with your residents. For instance, an Arapahoe County official has confirmed that the county has accepted a financial sponsorship commitment from Civitas that totals \$175,000. Your residents cannot have faith that Arapahoe County commissioners will be unbiased when considering proposed well sites when this massive conflict of interest exists within the county. It's a major problem that you need to address immediately.

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Please see attached comments from the League of Women Voters of Arapahoe and Douglas Counties.