

FORM
2

Rev
08/13

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400885468

Date Received:

10/23/2015

APPLICATION FOR PERMIT TO:

☒ Drill ☐ Deepen ☐ Re-enter ☐ Recomplete and Operate

TYPE OF WELL OIL ☒ GAS ☐ COALBED ☐ OTHER _____

Refilling ☐

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Sidetrack ☐

Well Name: TC COUNTRY CLUB WEST

Well Number: 5-9-11

Name of Operator: EXTRACTION OIL & GAS LLC

COGCC Operator Number: 10459

Address: 370 17TH STREET SUITE 5300

City: DENVER State: CO Zip: 80202

Contact Name: Alyssa Andrews

Phone: (720)420-5749

Fax: ()

Email: alyssa.andrews@iptenergyservices.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20130028

WELL LOCATION INFORMATION

QtrQtr: SENE Sec: 8 Twp: 5N Rng: 66W Meridian: 6

Latitude: 40.414470

Longitude: -104.798680

Footage at Surface: 2526 feet FNL/FSL FNL 1193 feet FEL/FWL FEL

Field Name: WATTENBERG

Field Number: 90750

Ground Elevation: 4788

County: WELD

GPS Data:

Date of Measurement: 02/21/2014 PDOP Reading: 0.9 Instrument Operator's Name: C. HOLMES

If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FNL/FWL Bottom Hole: FNL/FSL FNL/FWL

2000 FNL 460 FWL 2247 FNL 2487 FWL
Sec: 9 Twp: 5N Rng: 66W Sec: 11 Twp: 5N Rng: 66W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Surface Owner is: ☐ is the mineral owner beneath the location.

(check all that apply)

☐ is committed to an Oil and Gas Lease.

☐ has signed the Oil and Gas Lease.

☐ is the applicant.

The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: No

The right to construct the Oil and Gas Location is granted by: Surface Use Agreement

Surface damage assurance if no agreement is in place: Surface Surety ID:

LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

Please see the attached lease map. Lease is .363 acres.

Total Acres in Described Lease: 0 Described Mineral Lease is: ☒ Fee ☐ State ☐ Federal ☐ Indian

Federal or State Lease # _____

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 0 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 927 Feet
Building Unit: 1049 Feet
High Occupancy Building Unit: 2276 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 1173 Feet
Above Ground Utility: 1215 Feet
Railroad: 5280 Feet
Property Line: 455 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: ☐ Buffer Zone
☐ Exception Zone
☐ Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

SPACING and UNIT INFORMATION

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 2 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 460 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): _____ Unit Number: _____

SPACING & FORMATIONS COMMENTS

Proposed wellbore spacing unit:
Sec. 9-5N-66W: N/2
Sec. 10-5N-66W: N/2
Sec. 11-5N-66W: NW/4

OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR		800	GWA

DRILLING PROGRAM

Proposed Total Measured Depth: 20186 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: 2 feet ☐ No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? Yes

Is H₂S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H₂S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? Yes

BOP Equipment Type: ☒ Annular Preventor ☒ Double Ram ☒ Rotating Head ☐ None

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 318A

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID: or Document Number:

CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	16	42	0	100	80	100	0
SURF	12+1/4	9+5/8	36	0	1500	400	1500	0
1ST	7+7/8	5+1/2	20	0	20186	1928	20186	1500

☐ Conductor Casing is NOT planned

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- ☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- ☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- ☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- ☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- ☒ Rule 318A.a. Exception Location (GWA Windows).
- ☒ Rule 318A.c. Exception Location (GWA Twinning).

RULE 502.b VARIANCE REQUEST

☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number

OTHER LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318.c. Exception Location from Rule or Spacing Order Number _____
- ☐ Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments

Distance to nearest wellbore permitted/completed in the same formation: 2' (Austyn J #9-6)
Distance to nearest wellbore penetrating the formation: 2' (Austyn J #9-6)

Surface owner has waived rules 318A.a. & 318A.c. in the SUA. Please see p.4 of the attached SUA.

This application is in a Comprehensive Drilling Plan _____ CDP #: _____

Location ID: 436824

Is this application being submitted with an Oil and Gas Location Assessment application? No

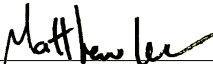
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Alyssa Andrews

Title: Operations Engineer Date: 10/23/2015 Email: alyssa.andrews@iptenergyservi

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:  Director of COGCC Date: 8/23/2016

Expiration Date: 08/22/2018

API NUMBER

05 123 43508 00

Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

COA Type

Description

	This Permit to Drill is approved subject to all the BMPs and COAs on Form 2A (Document # 401040773) amending Location ID # 436824 and effective upon the approval of the Form 2A.
	Approval of this APD does not authorize construction of the Triple Creek pad, Location ID # 436824 as proposed in Form 2A (Document # 401040773) amending Location ID # 436824.
	Bradenhead tests shall be performed and reported according to the following schedule and Form 17 submitted within 10 days of each test.: 1) Within 60 days of rig release, prior to stimulation. 2) 6 months after rig release, prior to stimulation. 3) Within 30 days of first production, as reported on Form 5A.
	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU, for the first well/activity on the pad and provide 48 hour spud notice for all subsequent wells drilled on the pad. 2) Comply with Rule 317.j and provide cement coverage from the end of 7" casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

Best Management Practices

No BMP/COA Type

Description

1	Planning	604.c(2)M. Fencing: A meeting with the surface owner will determine a fencing plan. Fencing will also be part of the Use by Special Review application with the City of Greeley.
2	Planning	804. Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public. Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately.
3	Planning	604.c.(2)J.i Blowout Prevention Equipment ("BOPE"): A double ram and annular preventer will be used during drilling. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid.
4	Planning	604.c.(2)J.ii Backup stabbing valves will be required on well servicing operations during reverse circulation. Valves shall be pressure tested before each well servicing operation using both low-pressure air and high-pressure fluid.
5	Planning	604.c.(2)N. Control of fire hazards: All material that is considered a fire hazard shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API IRP 500 and will comply with the current national electrical code.
6	Traffic control	604.c.(2)S. Access Roads: The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption. Dust control measures will also be utilized.
7	Traffic control	604.c.(2)D: If required by the local government, a traffic plan shall be coordinated with the local jurisdiction prior to commencement of move in and rig up. Any subsequent modification to the traffic plan must be coordinated with the local jurisdiction. A traffic impact study will be completed by a professional traffic engineer and submitted to the City of Greeley as part of the Use by Special Review Process.
8	General Housekeeping	604.c.(2)P. Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable.

9	Storm Water/Erosion Control	Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s). An Erosion and Sediment Control Plan will be submitted as part of the Use By Special Review process with the City of Greeley and will be covered under Extraction Oil & Gas's field wide permit, permit number COR03M013.
10	Material Handling and Spill Prevention	604.c.(2)F. Leak Detention Plan: Pumper will visit the location daily and visually inspect all tanks and fittings for leaks. Additionally, monthly documented SPCCP inspections are conducted pursuant to 40 CFR 112.
11	Material Handling and Spill Prevention	604.c.(2)R Tank Specifications: Tanks will be designed, constructed and maintained in accordance with NFPA Code 30. The tanks are visually inspected once a day for issues, and recorded inspections are conducted once a month.
12	Dust control	Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during high- wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may be used.
13	Construction	604.c.(3)B. Berm Construction. Tank berms shall be constructed of steel rings with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. All berms will be visually checked periodically to ensure proper working condition. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Tertiary containment, such as an earthen berm, will be installed around production facilities. All berms will be visually checked periodically to ensure proper working condition
14	Construction	803 Light sources during all phases of operations will be directed downwards and away from occupied structures where possible. Permanent lighting shall be mounted at compressor stations on a pole or building and directed downward to illuminate key areas within the facility, while minimizing the amount of light projected outside the facility.
15	Construction	604.c.(2).Q. All guy line anchors left buried for future use shall be identified by a marker of bright color not less than four (4) feet in height and not greater than one (1) foot east of the guy line anchor.
16	Construction	604.c.(2).E. This will be a multi-well pad, located in a manner which allows for the greatest distances possible from residential areas.
17	Noise mitigation	604.c.(2)A. If necessary, sound walls and/or hay bales will be used to surround the well site during drilling and completion operations. If feasible, the drill rig will be powered by electricity.
18	Emissions mitigation	604.c.(2)C.i. Green Completions - Emission Control System: Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flowback gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flowback within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustions where non-combustible gases are present.
19	Odor mitigation	805: Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare. The production facilities will have VOC combustors with emission control devices to comply with the Department of Public Health and Environment, Air Quality Control Commission.

20	Drilling/Completion Operations	604.c.l: Upon initial rig-up and at least once every thirty (30) days during drilling operations thereafter, pressure testing of the casing string and each component of the blowout prevention equipment including flange connections shall be performed to seventy percent (70%) of working pressure or seventy percent (70%) of the internal yield of casing, whichever is less. Pressure testing shall be conducted and the documented results shall be retained by the operator for inspection by the Director for a period of one (1) year. Activation of the pipe rams for function testing shall be conducted on a daily basis when practicable.
21	Drilling/Completion Operations	317.p One of the first wells drilled on the pad will be logged with open-hole Resistivity Log and Gamma Ray Log from the kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
22	Drilling/Completion Operations	604.c.(2)L. Closed chamber drill stem tests shall be allowed. All other drill stem tests shall require approval by the Director. None planned for this well.
23	Drilling/Completion Operations	604.c.(2).K. Drilling and Completion- Pit level Indicators shall be used on location.
24	Drilling/Completion Operations	604.c.(2).O. Drilling and Completion-All loadlines shall be bullplugged or capped.
25	Drilling/Completion Operations	604.c.(2)B.i Operator will be utilizing a closed loop system
26	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.
27	Interim Reclamation	Operator shall be responsible for segregating the topsoil, backfilling, repacking, reseeding, and re-contouring the surface of any disturbed area so as not to interfere with Owner's operations and shall reclaim such area to be returned to pre-existing conditions as best as possible with control of all noxious weeds.
28	Final Reclamation	604.c.(2)T. Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5)
29	Final Reclamation	604.c.(2).U. Final Reclamation-The operator shall identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). The operator shall also inscribe or imbed the well number and date of plugging upon the permanent monument.

Total: 29 comment(s)

Applicable Policies and Notices to Operators

Policy
Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf
Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area. http://cogcc.state.co.us/documents/reg/Policies/PolicyGwaBradenheadMonitoringFinal.pdf

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400885468	FORM 2 SUBMITTED
400885747	WELL LOCATION PLAT
400886095	DIRECTIONAL DATA
400886096	DEVIATED DRILLING PLAN
400911086	MINERAL LEASE MAP
400911087	SURFACE AGRMT/SURETY
400911263	EXCEPTION LOC REQUEST
400917476	PROPOSED SPACING UNIT
400917658	STIMULATION SETBACK CONSENT
400917890	OffsetWellEvaluations Data
400923734	STIMULATION SETBACK CONSENT

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Form off hold. Final Review Complete. Public comments received on this APD related to surface issues will be considered with the Form 2A-Oil and Gas Location Assessment for the Triple Creek Oil and Gas Location (doc #401040773) during COGCC's review of that document and related public comments.	8/23/2016 12:25:18 PM
Permit	ON HOLD: w/o form 2A.	4/21/2016 9:30:51 AM
Permit	Sundry #400952156 has been approved for this location ID#436824 to add designated setback BMP's and update waste management to offsite disposal for drilling fluids and cuttings including the change to oil based mud.	3/9/2016 10:29:18 AM
Permit	Permit task complete.	1/6/2016 1:40:55 PM
Public	<p>Triple Creek is a large industrial facility proposed to be built in a west Greeley field surrounded by residential neighborhoods. Here is a list of my major concerns:</p> <p>My first concern is for community health. The emission of volatile organic compounds and hazardous air pollutants should worry us all. Per PubMed Central, archived at the National Institute of Health's National Library of Medicine, the acute health effects of organic solvents reflect their central nervous system effects and include headache, dizziness, and light-headedness. Eye, nose, and throat irritation may also occur with short-term exposure. Continued exposure can lead to unconsciousness, seizures, and death. Long-term effects are being studied but data to this point is inconclusive. What we don't know CAN hurt us.</p> <p>For those of us close to the site (most studies now use 1/2 mile as the study zone), 24-hour lights and the noise of drilling will cause sleepless nights with the inherent health issues.</p> <p>A second concern is for public safety. Site preparation, drilling, and completions will require the movement of large trucks, at times up to 100 round trips per day (per Extractions Traffic Impact Study), turning off of and onto 71st Avenue. This was a rural road but due to rapid growth now handles over 7000 vehicles per day plus pedestrians (2012 data.) It desperately needs to be upgraded. Additionally, the bridge over Sheep Draw is narrow and in bad repair. To this mix we are adding multiple trips daily by huge trucks, causing further degradation of the road and bridge and setting the stage for horrendous accidents.</p> <p>The road across the property to the site is also concerning, as it is proposed to be gravel. During the production phase of this facility (generally expected to be 25-30</p>	11/25/2015 4:25:02 PM

<p>years) it will handle multiple trucks daily, 24 hours per day, kicking up dust, spewing diesel fumes, and generating noise. Will I ever be able to open the windows of my home again, or sit on the deck and enjoy a sunset?</p> <p>Other concerns are visual impact, a decline in the number of potential home buyers, and a decrease in property values. A Colorado State study completed in August 2014 showed that housing within one-half mile of a well decreases in value by approximately one percent PER WELL. When Extraction quoted the findings of the study while answering a homeowners question, they stated that homes near wells experience only a one percent decrease, leaving off the per well stipulation. With 22 wells, we are talking about a decrease in selling value of over 20 percent!</p> <p>In the 2014 neighborhood meeting, Extraction committed to have this project be tankless. They also committed to using high-line power from Xcel for drilling. Now we learn that this project will NOT be tankless. As a matter of fact, Extraction has never done a tankless project. There will be 22 wells and 24 tanks on this site! Why did they promise this over a year ago, knowing they might not get the necessary easements to allow placing 30 miles of pipeline. The committment seems disingenuous. At the November 18, 2015 meeting we also learned that Extraction is still in negotiations with Xcel over the high-line power and it may not be ready in time for the drilling phase.</p> <p>Extraction more recently committed to the City of Greeley that they would be using the LACT system to load trucks during production, an option lessening the likelihood of spills and air degradation, and increasing the tanker drivers safety. Again, now weve learned that this wont be available at the beginning of the Production phase when its most needed due to pressure and hydrocarbon flows being at their greatest.</p> <p>At the second neighborhood meeting held on November 18, 2015, we were not able to have all our questions answered. The meeting was scheduled from 5:30 to 7:30pm and we went over by an additional hour but still left with many unanswered questions. This is patently unfair. My questions that we didnt have time to address at the recent neighborhood meeting are listed below. I know there were others who had other questions as well.</p> <p>Where will the fracking disposal well be? The disposal of wastewater used for fracking has been scientifically linked to earthquakes. If the project wont be using disposal wells, where will the wastewater go?</p> <p>Will there be landscaping placed on the berm that shields neighbors views of the finished project? The artists rendering that Extraction included in their slide show depicted only a grass-covered berm, but we were previously told that it would be landscaped with trees and shrubs. Will they water the plantings for two years to ensure that they grow and thrive?</p> <p>Stating that they want to be a good neighbor, Extraction has made multiple commitments. Unfortunately, there is a pattern of discarding these promises when it becomes more expensive, or requires extra work or a delay of starting the project. Please hold Extraction to their original committments, or delay the project until they can implement them!</p>		
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Public	<p>My grandson came into this world with compromised lungs. He still has coughing fits when he gets overactive. This is an outdoor kid who lives for recess at school.</p> <p>He attends University Schools. Now we find out he will be breathing in VOCs on the playground. I won't be able to take 71st Avenue to take him home and will have to sit in a long line to turn left onto 20th Street.</p> <p>Exxon knew about the health risks of oil and gas and tried to hide it. While Anadarko is responding in Colorado with new equipment and buried oil transportation lines (after a hefty fine), smaller companies like Extraction promise big things but never deliver.</p> <p>This planned Triple Creek Directional Site has many problems.</p> <ol style="list-style-type: none"> 1. There are too many wells planned in a residential area. 2. There are two schools nearby. 3. Residents won't want to use 71st Avenue to go to King Soopers, the neighborhood grocery. 4. Residents won't want to use 71st Avenue to go to Banner urgent care on 20th St. 5. What can xeric landscaping possibly cover? 6. The site will be near the recreation center. 7. How will this site affect the expansion plans of Frontier Secondary to 71st Avenue? 8. How much Greeley water will be used for 22 wells? At the same time, Greeley residents are asked to start switching to xeriscaped yards? 9. The land developer plans high-density housing next to the wells after they are producing. Who wants to live there? <p>10 71st Avenue will be a traffic nightmare.</p> <p>11 The company uses bait and switch tactics, promising something and then changing their plans later. Anadarko would not do that.</p> <p>12 Who will want to walk on a planned walking trail near the site?</p> <p>Please do not allow this project. My neighbors in west Greeley will suffer and my family will suffer.</p>	11/24/2015 5:39:40 PM	

Public	<p>-Concern for Air and Water Quality. Potential causes include the emission of hazardous air pollutants and volatile organic compounds.</p> <p>-Concerns for noise safety. Sources include drilling activities and the movement of large trucks which will reach as many as 100 round trips per day during a projected 72-day period.</p> <p>-Concerns for drilling vibration and earth tremors and the potential damage to foundations and infrastructure caused by drilling and fracking operations.</p> <p>-Concern for visual impact, decline of potential home buyers and a decline in property values.</p> <p>-Concerns for fires explosions.</p> <p>-Impact of traffic is detrimental. Industrial traffic on unimproved roads bridge. The 71st Ave street is too narrow for pedestrians and industrial vehicles to share.</p> <p>-Interruption of the Sheep Draw Trail completion plans. This will no longer be attractive, safe, nor harmonious with the natural environment as described in the city developmental code.</p>	11/24/2015 4:22:08 PM
Public	<p>I am concerned that the applicant was not required to have an evaluation completed by the Colorado Dept of Public Health Environment being that this site is right next to the Sheep Draw Creek, the Sheep Draw Trail, and the fact there is a</p> <p>red-tailed hawk in the very same area this Triple Creek site is proposed. This site is a threat to the natural environment wildlife resources. There are many residents concerned about this. I ask that you withhold approval, and require one to be completed. Thank you.</p>	11/24/2015 9:54:24 AM
Public	<p>Last year, Extraction told us (nearby residents) that this site would be TANKLESS and would also have PIPELINES - we trusted in their word.</p> <p>I am disgusted, that at last weeks neighborhood meeting they reneged on that commitment to us. I feel that if the infrastructure is not in place to make this site a tankless one, then they should not move forward until that is done. They had also told this site would have an electric rig, now they are saying they are unsure of getting a high-line power line from Xcel. Regardless, of their reasons, WE - Greeley residents, should not have to suffer the consequences of their lies.</p>	11/23/2015 12:02:13 PM

Public	<p>These wells are less than a mile from my former residence and I drove by the site many times a week sometimes multiple times in one day, as it is located near a major Grocery store and shopping area. I support the LGDs request for you to wait until Greeleys land use process is completed before your final decision. Traffic--a purview of municipalities--is a concern, as roads should be widened and improved prior to drilling.I also request that when and if you do approve this site, that the infrastructure for piping oil and gas be required prior to drilling be a condition of approval. This site is a prime example of how pipelines and tankless technology could make it safer, create less traffic, and become more acceptable and compatible in this urban area. In conversation with the operator it is clear that the major impediment to do tankless at this time is economic. They originally told the community it would be tankless and it is still their intent to do so someday if oil prices rebound. The neighborhood should not suffer because of current market conditions. If they dont have the capital to do it at this time they should be asked to wait until they do. The community is also aware that part of the driving force to drill now is maintaining their leasehold. Again, this is not the</p> <p>neighborhoods problem. Leases can either be extended because of market conditions or re-negotiated. Leaseholders would see a greater return if drilling commenced when market condiitions rebound. I have appreciated your consistent comments in favor of lessening impacts to communities with appropriate infrastructure and I thank you for your consideration of these requests.</p>	11/23/2015 11:02:19 AM
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Public	<p>I have serious concerns with the City allowing an industrial facility like this to be placed in a residential neighborhood. These concerns are with safety of the facility, safety of the traveling public and safety of the environment.</p> <p>These facilities pose a danger to the surrounding homes and families. In the past, facilities such as this have had spills and accidents leading to explosions and fires which have resulted in loss of life and damage to the environment. This is an industrial facility and has no place in a residential neighborhood.</p> <p>Traffic is also a concern. It is expected that there could be as many as 100 trucks every 72 hours entering and leaving the facility. 71st Avenue is already in poor condition and with the amount of traffic currently using it, lack of sight distance and no shoulders, the danger of serious accidents is real. When you also consider the number of teenage drivers traveling along this section of roadway to get to Northridge High School, it would be negligent for the</p> <p>City of Greeley to allow this industrial facility to be placed at this location. I would like to know if the City has performed a traffic analysis of this area to determine what the impact to the level of service would be from allowing this facility to be placed in this location? If so please make the analysis public.</p> <p>The Environment is also a serious concern. There is always the danger of a spill with an industrial facility like this. Spills in the past from facilities like this have resulted in ground contamination extending far outside the surface area of the facility. This would lead to families being displaced and possible health issues developing as a result of the contamination. The City of Greeley would again be negligent and responsible for this by allowing this industrial facility to be placed in a residential neighborhood.</p> <p>There are also concerns to the environment which are covered under the Environmental Protection Act. Discharge of smoke, dust or tracking of soil on impervious surfaces is a violation of this act. Every truck that leaves the facility will track mud and dust onto the roadway. Each time, it will be a violation of said act. I believe that since this facility is within the city limits it would fall under the City's MS4 permit. If this is true, the City could be fined and possibly lose their permit, resulting in violations.</p> <p>Understand that if the city allows this facility, each homeowner in the Mountain Vista HOA will be provided the EPA hotline and State of Colorado Environmental Protection Agency's phone numbers and email addresses. Each time there is a violation, there will be numerous complaints filed.</p>	11/21/2015 11:50:44 AM
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Public	<p>Thank you for the opportunity to comment on the proposed Triple Creek Directional Project.I have several concerns but will limit this response to three.</p> <p>Triple Creek is a huge industrial facility to be placed in a pasture in western Greeley currently zoned as Light Residential and bounded by residential neighborhoods.If the COGCCs definition of Large Urban Mitigation Area were adopted, this site would have almost three times the storage capacity and almost five times the combined well depth required to meet the minimum criteria.Even if the most lenient oil industry definition of 16 wells were in effect, our 22 wells would easily surpass that definition as well.An industrial facility of this size has no place in such a setting.</p> <p>Our first neighborhood meeting was held in September, 2014 and we were introduced to this project for the first time.We were told at that meeting that two vitally important conditions would be met:that the site would be tankless and</p> <p>that the drilling rig would be powered by Xcel power lines rather than diesel generators.Extraction, the operator is apparently attempting to hold to the rig condition, but have announced that they will be going with a tanked solution.They cite the dramatic price drop for a barrel of oil as part of the justification.Of course that sounds legitimate until</p> <p>you ask why they have waited until the worst marked conditions in years to begin the project.Today West Texas</p> <p>Interediate Crude is under \$41 per barrel.There is a national surplus of oil. We are using less oil that we produce.</p> <p>And other large Colorado operators are laying workers off.Why did Extraction pick the worst market conditions in recent history as a time to begin and then use it to justiify reneging on a tankless solution?The tanked solution provides numerous opportunities for oil spills and further degradation of our local air quality, already among the worst in the state.</p> <p>And finally, Extraction will phase the construction of wells in increments as small as 2-6 and will complete the 22-well facility over the course of many months and likely years.Our ordeal as adjacent property owners facing the site will</p> <p>seem unending.</p> <p>This is all in addition to the normal concerns for home owners adjacent to a large facility.These include concerns for air and water quality, noises caused by the drilling and large number of petroleum storage trucks entering and exiting</p> <p>the site, drilling vibrations and earth tremors, the visual impact on our neighborhood and the resulting decline in property values, fires, explosions, and the impact on traffic and damage to road surfaces from the number of large trucks.</p> <p>Many of these concerns could be alleviated by Extraction adhering to the original commitment to a tankless solution.But even that would not negate the fact that this huge oil and gas production facility has no place in our back yard.</p> <p>Thank you for your consideration.</p>	11/18/2015 3:40:12 PM
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Public	<p>This project need to be denied and relocated. I am a homeowner that will be as close as anyone to this project. If this project goes forward, as proposed the loss of property values is imminent as confirmed by the realtors I have spoken with. First, and foremost, are the safty concerns that will affect everyone that lives in this area. 71st street will be heavily impacted and made dangerous with the number of trucks that will exceed 100 trucks daily during the multiple</p> <p>drilling periods of 72 days that, as of now, will go on for years. The potential for damage to home foundations and structures willcertainly be at risk. heaven forbid that a fire or explosion ever occurs. The rsult could be castastrophic. This is a residential area and project of this magnitude 22 wells/22 tanks is reprehensible. This will harm all property</p> <p>owners, adults and children in this area and does not belong in the proposed location. I will add that we first received our notice from the city on Thursday, November 12th, only 6 days before the COGCC comment period is to end and 6</p> <p>days before the formal community meeting with the city planners and Extraction Oil and Gas. We have since then, within</p> <p>a 96 hour period , collected close to 100 signatures of persons who live around the proposed site that have the same</p> <p>concerns and want the project denied.</p>	11/18/2015 8:34:56 AM
OGLA	Refer public and LGD comments regarding surface to OGLA. OGLA task added.	11/16/2015 4:44:44 PM
LGD	<p>The City of Greeley is reviewing an application for local land use approval from the applicants for this proposed oil and gas facility (Planning File No. USR 6:14).The City respectfully requests that the State withhold approval of any State permit until the operator successfully receives local land use approval, in this instance a Use by Special Review permit.The City of Greeley requests that, as part of the approval of the Form 2 Permit, all design and operational elements of the USR permit be honored, consistent, and incorporated.Please contact City staff for a copy of the approved and recorded Use by Special Review Permit, and please support the City requirement that this be available on-site for reference.</p> <p>If the COGCC does not withhold approval, the City then requests that the State application be approved with the condition that the Form 2 Permit be subsequently formally amended to incorporate any site and/or operational standards that get finalized through the local Use by Special Review permit.The City believes this deference is consistent with, and in the spirit of, the standing Memorandum of Understanding between the City of Greeley and the COGCC, and at the same time the City acknowledges the State's right to determine areas of operational conflict that would otherwise prohibit the incorporation of such standards into an Amended Form 2 Permit.</p>	11/16/2015 1:24:03 PM

Public	<p>I wanted to voice my concerns here on the COGCC website. At last years Triple Creeks neighborhood meeting, Extraction told us that this site would be tankless, and also have an electric rig - I was recently informed that we are having another neighborhood meeting (Nov 18th) because now they are NOT fulfilling their prior committment of being tankless nor having an electric rig. We already feel that these industrial type of sites should not belong near residential</p> <p>areas, and now to go back on their commitment leave us feeling cheated! These 2 things should be a minimum requirement that Extraction should meet; otherwise, this site should not happen.</p> <p>I am also concerned that this comment period closes on November 18th, the day of the new neighborhood meeting. Neighbors should be able to comment after this informational meeting takes place, so that they can gather their thoughts concerns from it, and then comment here. I ask for you to consider extending this comment period...even if its only a few days.</p> <p>Thank you.</p>	11/16/2015 6:50:33 AM
Engineer	Offset Wells Evaluated	11/9/2015 11:30:26 AM
Permit	Public comment period extended from 11/15 to 11/25 at the request of the Greeley LGD.	10/27/2015 7:47:44 AM
Permit	Passed completeness.	10/26/2015 11:52:09 AM

Total: 19 comment(s)