

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:

400885426

APPLICATION FOR PERMIT TO:

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

Date Received:

10/23/2015

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: 1-9-11

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: 40.414660

Longitude: -104.798680

Footage at Surface: 2454 feet FNL/FSL FNL 1195 feet FEL/FWL FEL

Field Name: WATTENBERG

Field Number: 90750

Ground Elevation: 4787

County: WELD

GPS Data:

Date of Measurement: 02/21/2014 PDOP Reading: 1.5 Instrument Operator's Name: J. MCCABE

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

 680 FNL 460 FWL 931 FNL 2481 FWL
 Sec: 9 Twp: 5N Rng: 66W Sec: 11 Twp: 5N Rng: 66W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ IndianThe 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 acres is .3630

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: 1290 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 964 Feet
Building Unit: 1023 Feet
High Occupancy Building Unit: 2224 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 1176 Feet
Above Ground Utility: 1218 Feet
Railroad: 5280 Feet
Property Line: 413 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: 1 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: 20381 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: 1 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	20381	1948	20381	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: 1' (SRC GCC #11-11D) *Stimulation Setback Consent attached
Distance to nearest wellbore penetrating the formation: 1' (SRC GCC #11-11D) *Stimulation Setback Consent attached
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 43507 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.

<u>COA Type</u>	<u>Description</u>
	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.
	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.
	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

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
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.i: 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	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.
22	Drilling/Completion Operations	604.c.(2).K. Drilling and Completion- Pit level Indicators shall be used on location
23	Drilling/Completion Operations	604.c.(2).O. Drilling and Completion-All loadlines shall be bullplugged or capped.
24	Drilling/Completion Operations	604.c.(2)B.i Operator will be utilizing a closed loop system
25	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.
26	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.
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>
400885426	FORM 2 SUBMITTED
400885625	WELL LOCATION PLAT
400886083	DIRECTIONAL DATA
400886084	DEVIATED DRILLING PLAN
400911070	MINERAL LEASE MAP
400911071	SURFACE AGRMT/SURETY
400911257	EXCEPTION LOC REQUEST
400917471	PROPOSED SPACING UNIT
400917646	STIMULATION SETBACK CONSENT
400917738	STIMULATION SETBACK CONSENT
400917863	OffsetWellEvaluations Data
400923729	STIMULATION SETBACK CONSENT

Total Attach: 12 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	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 2:00:39 PM
Permit	Form off hold. Final Review Complete.	8/23/2016 11:49:48 AM
Permit	ON HOLD: w/o form 2A.	4/21/2016 9:20:40 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 10:57:33 AM
Permit	Permit task passed.	1/5/2016 2:16:21 PM
Public	<p>Comments concerning"Extraction operator application of Oil Gas Permit at Triple Creek at 71St Ave in Greeley Co.Between 10th St and 20th St.</p> <p>1.Notifications: Per City of Greeley permitting: They are required to notify anyone within 500ft.</p> <ul style="list-style-type: none"> •There are 2500 – 4000 property owners affected by this proposed site. •Only a handful i.e. 1- 6-10 were notified •The meeting time was at 5:30.Most people do not get home that time. •Meeting was terminated immediate after Operator completed presentation. •There was no question/answer afterward as promised. <p>2.Supporting information:</p> <ul style="list-style-type: none"> •No traffic studies completed •No study of roads/Bridges conditions •No commitment by responsible agencies to correct current deficiencies. •No current studies to support any public statements 	11/25/2015 5:39:53 PM

<p>3. Emergency Response</p> <ul style="list-style-type: none"> • Only one “applicable Fire unit for all Greeley. • Consist of one(1) Fire unit housed in a mobile trailer • Unit is placed at random sites • Unknown criteria of site selection of where Unit is placed. • Unknown number of quailed trained personnel on duty per shift • Unknown response time of unit • Unknown if Operator has any trained personnel on site <p>4. Totally untested response of Emergency Personnel including:</p> <ul style="list-style-type: none"> • Evacuation routes • Emergency services sites outside affected areas • Distance to evacuation sites • Unknown condition of staging sites. • Unknown response times of outside support emergency needs. • How long does it take for your neighbor to respond when needed? <p>5. No training of Community to help themselves</p> <ul style="list-style-type: none"> • Will not be all jamming the same roads • Going to the same hospitals • Expecting the same emergency responders to help us all • Who is responsible for the people who cannot help themselves in an emergency? <p>6. Location Choice:</p> <ul style="list-style-type: none"> • Why locating where no feasible transportation capabilities available. • No pipe line usage to move “Product” from production. We were told it would be a tank less site (10 of 2014). Now, it will not be tank less due constraints of permitting. • Nothing was mentioned that the end point of the pipeline was Platteville, Co. Good God – Platteville has been located in the same place since the “Steam Engine” times. Someone can verify the historical records. • Misrepresentation of pertinent facts: <ul style="list-style-type: none"> i. It is necessary to ask a question 50 ways to get an answer ii. An answer today is no good tomorrow iii. Nothing is in writing iv. Misrepresentation of Operator capabilities v. Operator does not accept responsibility of their actions vi. No publicly published Liability Insurance 		
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	<p>vii. Attempting to discharge responsibility to others.</p> <p>7.Consideration of Alternative Locations.</p> <ul style="list-style-type: none">•There is a ½ dozen locations with in very reasonable distance for an Industrial Site of this nature that affect a 10th of the properties compared to this location.•None – has been public stated.	
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Public	<p>As a concerned citizen who will be living near the proposed Oil Gas Wells called Triple Creek, I have some strong opinions about allowing this drilling to proceed.</p> <p>1.Extraction Oil Gas has proposed to drill 22 wells with 22 tanks.At the meeting last September, Extraction told the audience that this would be a tankless operation.To date, this has been changed to include 22 tanks, which will be very obvious to anyone looking out over the site.This can lead to a decline in property values as well as to the number of buyers for a particular property that faces the site.</p> <p>2.It seems that Extraction does not have a very solid plan as to the construction of this site and Extraction has not studied the traffic patterns in this area.We have some very busy streets, which were not designed to handle 100 trucks hauling 40,000 lbs of sand and crossing a small bridge that appears to be in need of major repairs or rebuilt. There are school buses that travel on 71st street which is the proposed arterial for transporting the sand, tanker trucks and the drilling rig.The road bed on 71st Street is in constant need of repairs.Imagine 100 trucks making round trips on this already heavily travelled, damaged road.Some individuals residing in special handicapped housing (east of King Soopers) ride their motorized wheel chairs up 71st Avenue.Heavy truck traffic could create a real disaster if they cannot stop for these motorized wheel chairs crossing at the pedestrian crosswalk just east of King Soopers.</p> <p>3.Extraction had to only notify those residents that reside within 500 feet of the well site and those who had signed up last September at the previous meeting.No notice has been given to the residents living to the East of the site, where the 22 horizontal wells are to extend out 2 ½ miles from the site.These lines will be going under residential neighborhoods as well as two schools, Frontier School and University Schools.Also, according to the map, these horizontal wells will pass underneath the City Recreation center known as the Fun Plex.It would seem that all resident who might be potentially impacted by this drilling and fracking site should be notified.</p> <p>4.The site where Extraction plans to drill is considered an area of moderate ecological significance.According to the City's definition this area contains significant natural features which would be moderately and negatively compromised by development.Therefore, it makes no sense to drill in this area based on the impact oil and gas drilling can have.</p> <p>5.There are two emergency centers in this very same area.The ambulances use 71st, 10th Street and 20th Street.Imagine if huge tanker trucks are traveling this road and the ambulances cannot get to their base with an injured person or persons.</p> <p>6.To further exacerbate the traffic patterns, there is a major grocery store at the corner of 71st Avenue and 10th Street which is accessed by many residents in the area who travel 71st Avenue to get to the store.Compound that by the increased number of residents moving into 200 new housing units currently being built in the area as well as 10-15 apartment buildings which has been constructed in the last year on 20th Street and 83rd Avenue.</p> <p>7.Additionally, there is concern about the emission of hazardous air pollutants and other volatile organic compounds which will permeate the air around the site and be spread throughout the neighborhoods.</p> <p>8.It has been noted in the past that fracking has created earthquakes in areas of Greeley.What happens if one of these earthquakes, as a result of the fracking, happens under the schools Extraction proposed to drill beneath?I would say could be a major disaster.</p> <p>9.Unless more consideration is given to studying the impact of this site on the residential neighborhoods close by and studying traffic patterns, I think this drilling operation should be denied.</p>	11/25/2015 4:52:41 PM
Public		11/24/2015

	<p>On Wednesday, November 18, 2015, our second West Greeley Neighborhood Meeting was held with Extraction Oil Gas, the Operator for the Triple Creek Directional Project. As expected, there were new changes stated by the Operator, both from the original Neighborhood Meeting of September 2014 and from the Reply to Comments and the Traffic Impact Study that had more recently been submitted to the City of Greeley Planning Department.</p> <p>There were two commitments made by the Operator at the 2014 meeting: the first was that the project would go tankless and instead use a pipe to transport the oil to the nearest transload facility. We knew that they had reneged on that commitment prior to the second meeting but, as justification, we were told during the current meeting that the pipe would have to be about 30 miles long and that it would require hundreds of easements. That is understandable, but why didn't they know that 14 months earlier, instead of waiting to change it two months prior to beginning operations.</p> <p>(Possibly to ease the acceptance of the Form 2A site approval?)</p> <p>The second commitment made in the 2014 meeting was for high-line power from Xcel to power the electric rig. This would make the drilling operation quieter and cause less air quality concerns as well. Instead, at the more recent meeting, we were told that the high-line power may not be ready in time for the drilling phase to begin. Of course, we are all now wondering at what point in the drilling process electric power will be made available, if at all.</p> <p>Another commitment was made to the City of Greeley. In the City's Comments to the Operator, the City asked why the project was not going tankless, and after citing the current price of oil and economies of scale, Extraction said in the effort to continue to reduce and mitigate the impacts of installing tanks... Extraction is committed to using Lease Automatic Custody Transfer (LACT) meters to load trucks. Then they explained the advantages over traditional truck loading including:</p> <p>less likelihood of spills,</p> <p>electrically driven and enclosed pumps, reducing noise,</p> <p>truck loading times are at least two times faster, reducing truck time on site,</p> <p>95% efficient destruction of VOCs due to vent lines being sent to the Emission Control Device, and</p> <p>elimination of emissions and improved safety for the driver, who now doesn't have to open thief hatches to gauge tanks.</p> <p>At the meeting, however, we were told that the LACT system would not be available at the start of the Production Phase. We don't know whether it is a limitation of the system, availability of equipment, expense or some other concern. All we know is that this is the time in the project when pressure and hydrocarbon flows are at a maximum. So we are concerned that air quality and other negative effects should occur as a result of the Operator not using another BMP. This will be especially distressing to my wife and I who suffer from asthma and Parkinson's Disease. In fact, half of the Mountain Vista East development consists primarily of retired families, who tend to be affected more by air quality concerns. This is yet another example of the Operator telling us how clean the project will be, only to leave us wondering what adverse change will be next.</p> <p>Many of our concerns could be alleviated by Extraction adhering to the original commitment to a tankless solution. Extraction says that they are still working on this</p>	<p>8:09:13 PM</p>
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	<p>solution.However, after the meeting, my wife and I were told that</p> <p>Extraction has NEVER had a tankless project, further reducing the possibility of its occurrence.</p> <p>Thank you for your consideration.</p>	
OGLA	Refer surface related public and LGD comments to OGLA. OGLA task added.	11/16/2015 4:37:52 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 1:18:31 PM
Engineer	Offset Wells Evaluated	11/9/2015 11:21:54 AM
Permit	Public comment period extended from 11/15 to 11/25 at the request of the Greeley LGD.	10/27/2015 7:38:59 AM
Permit	Passed completeness.	10/26/2015 11:11:13 AM

Total: 13 comment(s)