

Vetting – Response to Public Comments

Proximity to school/Access/Truck Traffic

As of 9/15/2016, the CDOT Access Permit for access onto Business Highway 34 was approved. The haul route will now be that all traffic will be on Business Highway 34 and turn onto the access to the Vetting pad and facility from the highway. No truck traffic will be on Cherry Creek Ave nor will pass the Bella Romero School. Extraction is committed to using a local water source or temporary pipeline to deliver water to location for completion operations in an effort to reduce truck traffic. No water will be trucked to location.

Pollution/Emissions

Extraction is committed to having a minimal impact on the air quality. Several mitigation measures are put in place to ensure this. Emission Control Devices (ECDs) and vapor recovery units (VRUs) will be installed. Both units function to reduce volatile organic compound (VOC) emissions that are generated from the crude oil condensate tanks. The ECD and VRU devices reduce VOC emissions by at least 95% through combustion and sequestration. 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. A closed loop system will be utilized during drilling. No open pits will be used.

Noise

Sound walls will be installed around the north, west, and south sides of the well pad. Hay bales will be utilized on the east side of the well pad if necessary. Extraction has committed to powering the drilling rig off of high line power which will significantly reduce noise. The proper infrastructure will be supplied by the Xcel. To provide long term noise mitigation at this location all production equipment will powered by electricity. Once flowback operations are complete, a noise study will be completed to determine if additional permanent noise mitigation measures are needed. If found necessary by the sound study, permanent sound panels will be installed around the compressors.

Alternative location analysis / Siting rationale/ As far as possible from BUOs

The facility for the Vetting 15-H well pad has been positioned to meet COGCC setbacks from both Building Units and High Occupancy Building Units. The facility is located over 1,300 feet from the closest high occupancy building unit and over 700' from the two closest building units. Additionally the facility has been located to achieve the greatest setback possible from the limits of the school property located to the northwest, yet as far as possible from the residential homes located to the south and east. The facility has been designed to use the least amount of equipment yet maintain safe operations and will employ numerous best management practices to minimize impacts to surrounding land owners.

The Vetting location is the alternate location to previously permitted locations, the South Greeley Directional and Gilbert pads.

The Vetting location, as sited, is positioned in the best location available for the following reasons. The current well pad and facility balances the setback from surrounding building units and high occupancy building units. If the location were moved west, the facility and well pad would likely be much closer to building units as the surrounding properties are residentially developed with subdivisions. If the facility

and well pad were moved north the location would be much closer to Bella Romero School. The location cannot be moved further east as this location is already proposing eleven 2.5 mile long laterals with half mile step outs. Moving the location east is not technically feasible. Moving the location south would result in both the well pad and facility being located in the 100 year and/or 500 year floodplains and within the city limits of Greeley. The property is zoned Residential Estate therefore requiring a Use by Special Review permit and is identified as an area of ecological significance. Per the City of Greeley's ecological significance map the property has areas of both high and moderate ecological significance. Additionally per the Greeley Parks, Trails, and Open Lands Master Plan an off-street trail is proposed to bisect the property. Additionally moving the Vetting location south increases the step out lengths of the 2.5 mile long laterals making it technically infeasible to drill and/or complete.

Production/pipeline

The Vetting location was chosen due to its proximity to existing gas and oil pipeline infrastructure. The Vetting location will be able to tie into an existing gas sales line and immediately send saleable quality gas down the sales line. Additionally this location was chosen because Extraction was aware of nearby oil pipe opportunities and had high hopes of being able to move oil by pipe instead of truck. When Extraction began planning this location we expressed the oil pipe potential to the school board, but were unable to commit. Extraction can now commit that this location will utilize an oil pipeline, further reducing truck traffic from this location. This is beneficial to the community, as well as Extraction.

Notice to school

Extraction has worked closely with school district administrators to keep them informed of our planned operations and timelines associated with the development of this project. Multiple meetings were held prior to and during the submittal process of both the USR application and the COGCC permits. Extraction will continue to update the school district regularly as this project progresses.

Facility Layout Design

The Vetting facility was moved north to reduce Weld County Oil and Gas setback encumbrances to the property to the south. By moving the facility north there is additional space for future trail development depending on width and final alignment.

Perimeter landscaping and fencing was submitted to Weld County and approved by the USR.

Local Fire Department

Extraction works closely with the City of Greeley Fire Department. The Vetting location will comply with City of Greeley Fire Code. Additionally a copy of Extraction's Tactical Response Plan (TRP) has been provided to the fire department.