



Water Plan  
Rule 304.c.(18)

## Mohee Fed 0297-17

SWNE, Section 17 T2N R97W 6<sup>th</sup> P.M.

Rio Blanco County, Colorado

Updated February 20, 2024

## **Anschutz Exploration Corporation**

Mohee Fed 0297-17 OGD  
SWNE Section 17, T2N R97W  
Lat/Long: 40.143422 -108.297264  
Rio Blanco County, CO

## **Water Use Plan**

### **Introduction**

Anschutz Exploration Corporation (AEC) has developed the Water Use Plan in order to address Energy Carbon Management Commission's ("ECMC") Rule 304.c.(18). This Water Use Plan following is intended to summarize water usage during operations on the Mohee Fed 0297-17 Well Pad. The information presented herein has been forecast using the best available information and may be subject to change prior to or during operations as a result of variables beyond AEC's control. AEC will require prior approval if any of these plans change from all agencies.

### **Location**

The Mohee Fed 0297-17 Well Pad is located in the SWNE of Section 17, T2N R97W in Rio Blanco County, Colorado. The Well Pad is approximately 38.36 miles, by road, from Meeker, Colorado. The site is situated on federal lands in the SWNE of Section 17, T2N R97W in Rio Blanco County, Colorado. The parcel is located approximately thirty-eight (38) miles, by road, northwest of Meeker, Colorado. Location Coordinates: 40.143422 -108.297264

### **Water Sourcing**

- Water will be sourced and withdrawn from Water Take Point along the White River on the east bank, north of bridge on HWY 64.
- Location of Withdrawal
  - Latitude: 40.16203 / Longitude: -108.3455°
  - Legal Description: NWNW of Section 12, T2N-R98W, In Rio Blanco County, Colorado
- Alternative: Water may be obtained from the Towns of Meeker or Rangely, CO and trucked to the proposed well depending upon availability.

### **Transportation of Water**

- AEC will utilize lay-flat waterline from the source to the Mohee Fed 0297-17 Well Pad
- Lay-flat waterline is temporary and laid across the land surface; the line is secured via staking or similar methods at fixed distances throughout its traverse.

### **Water Usage – Estimated**

- Total Volume of Water Needed – 4.49 million bbls
  - Surface Water – 4.49 million bbls
  - Groundwater - none
- Water Used by Operational Phase
  - Construction – no more than 10,000 bbls in total are anticipated for use during construction
  - Drilling – 1,280,000 bbls (160,000 bbls/well x 8 wells)
  - Completions – 3,200,000 bbls (400,000 bbls/well x 8 wells)

### **Contract to Purchase Water**

- Anschutz has an agreement with Dalbo Holdings to use their water rights through the Colorado Division of Water Resources. Use will be under their "Prior Appropriation System". This allows Anschutz to pull water from the White River based on priority order.

### **Potential Use of Recycled or Reused Water**

Although contemplated, the use of recycled water is not feasible at the Mohee Fed 0297-17 Well Pad. There are a number of variables precluding the use of recycled water at this location including, but not limited to the following:

- Lack of a reliable source(s) proximal to the Oil & Gas Location for in the quantities and intervals needed to sustain operations.
- Transportation of recycled water will require a significant amount of truck traffic that has been eliminated through the use of freshwater and lay-flat waterline. Transport of water via truck with a carrying capacity of 150 bbls results in more than 29,933 one-way trips (i.e., source to location) to meet the operation demand for water.
- On-site storage and treatment of recycled water would require substantially more surface disturbance (potentially 20+ acres) dedicated for handling large volumes of recycled waste-water, not to mention the treatment of the water which would require processing equipment and potentially chemicals that would all need to be stored on-site which is not possible due to the topography in the area. The location for the Mohee Fed 0297-17 was sited to encompass the wells for drilling, completions and production. Roughly six (6) water storage trucks will be on location during completions to support the hydration unit, but the footprint for this area is relatively small in scale to the size of area needed to process and recycle waste-water.

### **Potential Impacts From Surface Water Run-off or Impacts to Groundwater**

Little to no impacts are expected from Surface Water Run-off because the freshwater will be retained in the surface water lay-flat line or temporarily in small capacity tanks. The well pad location will have a sufficient berm to retain any surface water run-off. Therefore, impacts to surface or groundwater is highly unlikely. Beyond this freshwater is the main source that will be utilized for this project is fresh, so there would be no adverse impacts to groundwater.

