



CIVITAS

# State Wetterhorn-Handies (Lowry Ranch CAP)

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Virtual Neighborhood Meeting

November 1, 2023

7 PM – 7:30 PM

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# Who we are

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- *Civitas Resources, Inc. was formed in November 2021 with the merger of four Colorado operating companies*
- *Crestone Peak Resources Operating, LLC is a wholly-owned subsidiary of Civitas Resources, Inc*
- *Civitas is committed to the communities where we live and operate. We proudly demonstrate this commitment through leadership in Environmental, Social, and Governance(ESG) practices and is the first Carbon neutral oil and gas producer in Colorado*
- *Civitas is utilizing best in class best management practices to protect public health, safety, welfare, and environment, including wildlife resources*



# Project Information

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# Location Plans and Information

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## Plans

- We plan to drill up to 20 wells consecutively from one newly-constructed pad
- Up to Ten (10) wells will be drilled from west to east, through sections 20 and 19, to a total horizontal length of 2-miles
- Up to Ten (10) wells will be drilled from east to west, through sections 21 and 22, to a total horizontal length of 2-miles

## Information

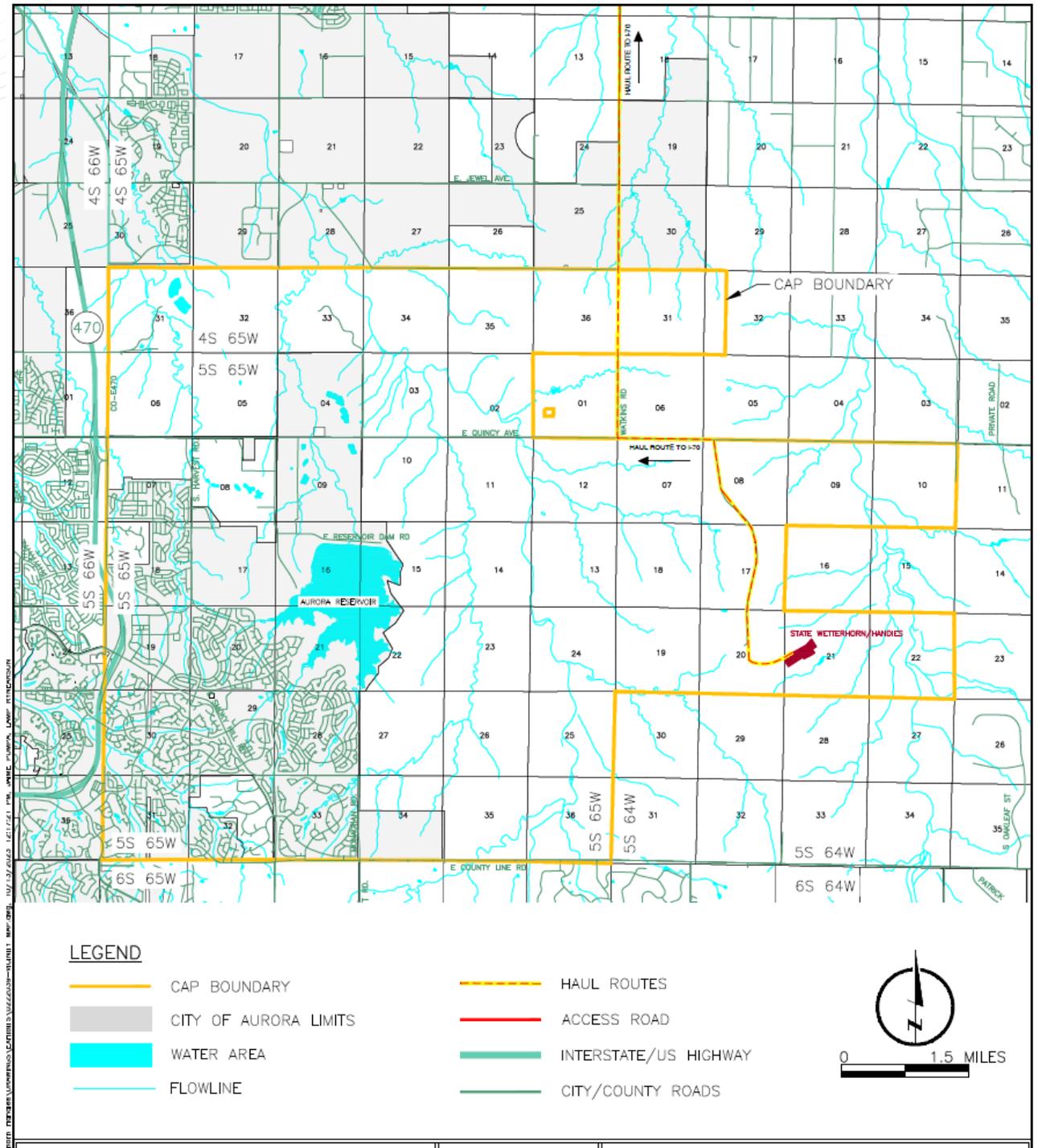
- **Location:** SWNW Section 21 T5S-R64W 6<sup>th</sup> PM
- **Ownership:** State Surface
- **Current & Future Land Use:** Rangeland
- **Initial Disturbance Area:** 28.40 acres
- **Initial Working Pad Surface:** 11.71 acres
- **Interim Reclaimed Disturbance Area:** 13.15 acres
- **Interim Reclaimed Pad Surface Area:** 4.94 acres
- **Planned # of wells:** Up to 20
- **Nearest cross streets:** East Quincy Ave. & Tom Bay Rd

# Location and Haul Route Map

## Proposed Haul Route Directions:

From the Wetterhorn/Handies site, drive West then North approximately 3 miles on a private SLB road. Turn left onto East Quincy Ave./Airline Rd. and proceed West for approximately 1 mile. Turn right onto Watkins Rd. and proceed North for 7 miles. Enter i70 westbound toward Denver (~21 miles)

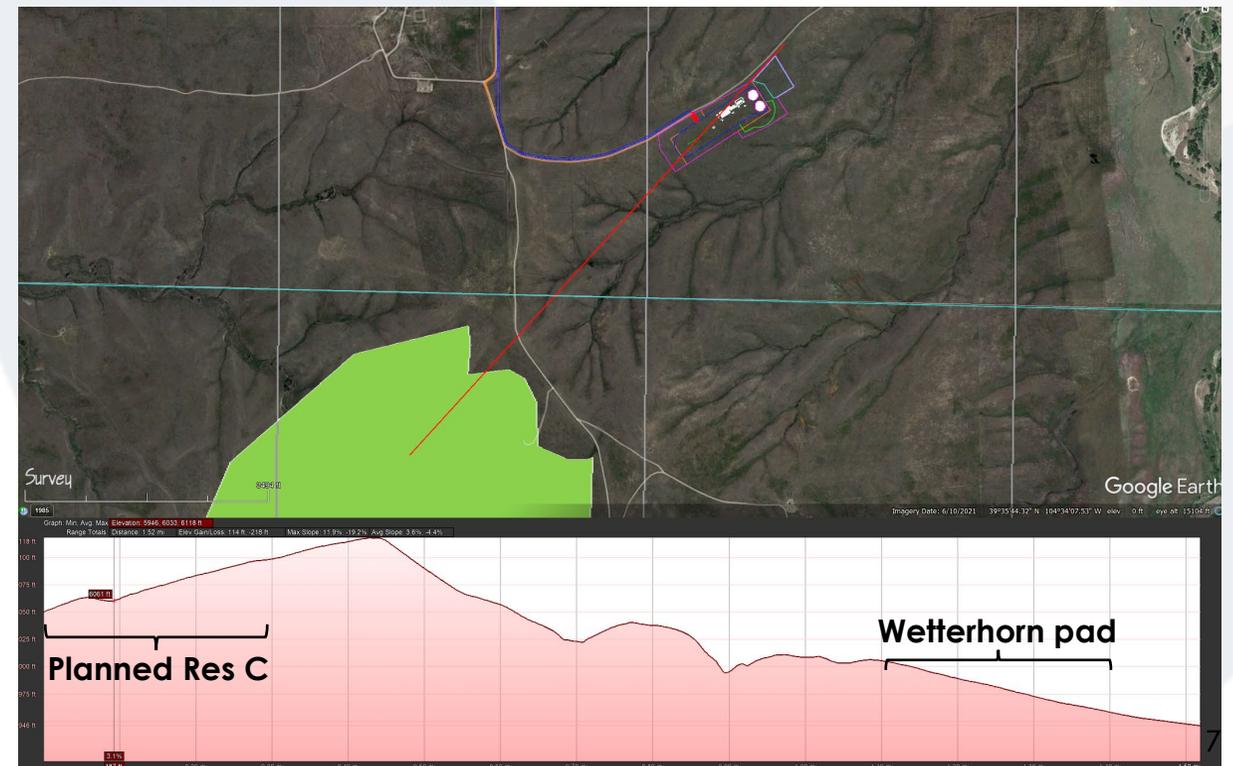
Yellow line depicts Haul Route.



# Setbacks

## Measured from Working Pad Surface to the feature:

- Nearest Residential Building Unit (RBU): > 5,280' W
- Nearest Open Space: > 5,280'
- Nearest School Facility or Childcare Center: > 5,280'
- Nearest surface water: > 5,280'
  
- Aurora Reservoir: > 5280'
- Planned Reservoir C: 3895' SW



# Estimated Timeline (subject to change)

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- Initial Construction: Q1 2027 (~60 Days)
- Drilling: Q2 2027 (~100 days)
- Completions: Q3 2027 (~60 days)
- Anticipated First Production: Q4 2027
- Anticipated Interim Reclamation: Q1 2028



# Planned Mitigation Measures and Best Management Practices (BMPs)

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# Mitigation and BMPs

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## **Water**

- Operator will sample existing water wells near the pad site, per Colorado Energy and Carbon Management Commission (ECMC) and pending Arapahoe County requirements
- Secondary containment measures will be installed and maintained

## **Air**

- Tier IV engines (or equivalent) will be employed during Completions to reduce emissions
- All state, local and federal requirements will be followed. Emission sources are minimized through engineering practices, such as the utilization of instrument air pneumatics, tank and loadout controls, and electrification where possible
- Oil pipeline will be in place at the start of the Production phase to reduce truck traffic

## **Wildlife and nearby High Priority Habitat (HPH)**

- Operator will coordinate with Colorado Parks & Wildlife (CPW) regarding operations within HPH and will implement CPW recommendations to reduce HPH impacts

## **Safety**

- The Emergency Response Plan will be submitted to and approved by Bennett Fire Department and the Arapahoe County Office of Emergency Management prior to the start of operations

# Mitigation and BMPs (continued)

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## **Noise**

- A noise study will be conducted prior to the start of operations per Arapahoe County regulations
- The Operator shall provide a 24-hour contact number for noise complaints on the facility sign required in section 5-3.6.F.3.h of Arapahoe County Oil and Gas Regulations, as well as the ECMC's complaint hotline number

## **Light**

- Lighting shall be pointed inward and downward
- No permanent lighting shall be installed on the location

## **Dust**

- Dust control measures will be used on all access roads as outlined in the Arapahoe County Oil and Gas Regulations
- Speed limit signs will be posted on access roads

## **Lightning Mitigation**

- All permanent equipment onsite will be connected to an underground steel grounding grid

## **Visual**

- Location and access road shall be free of identified noxious weeds throughout operations

# Mitigation and BMPs (continued)

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## **Odor**

- All drilling fluids are routed through a closed loop system
- Will employ IOGP Group III – oil-based mud and odorless (no BTEX)
- No open earthen pits will be used to store fluids or drill cuttings

## **Traffic**

- Operator must use approved traffic haul route
- Traffic impact fees will be paid to Arapahoe County
- Operator is responsible for cleanliness and safety of all roadways adjacent to this site
- Freshwater will be provided to the site via layflat for drilling and completions

## **Secondary Containment**

- A containment system capable of containing one and one-half times (150%) the capacity of the largest vessel, plus sufficient freeboard to prevent overflow will be constructed around all permanent tanks at the Well Site. The containment system will be constructed of a steel-rim berm and lined with a synthetic or engineered liner, mechanically connected to the steel-rim which will surround all primary containment vessels



# Current Permit Status

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# Permit Status

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## Arapahoe County

Administrative Energy Use by Special Review (AEUSR)

- Not yet filed

## ECMC

CAP

- In Process

OGDP/Form 2A (Location Assessment)

- Not yet filed

Form 2s (Well Permits)

- Not yet filed

# Contact Information

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# Company Contacts

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Asset Development Lead

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# Questions?

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# Thank You



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