

# New Energy Development

## Clover 2-2HZ Pad and Facility



### Proposed Haul Route

### Operational Phase and Timeline

Work Activity	Estimated Start	Estimated End
Pad Construction	03/2024	04/2024
Surface Casing	05/2024	05/2024
Horizontal Drilling	06/2024	08/2024
Well Completions	10/2024	01/2025
Production Facility Construction	07/2024	10/2024
Interim Reclamation	04/2025	01/2026

# New Energy Development

## Alfalpa 8-20HZ Pad and Facility



### Proposed Haul Route

### Operational Phase and Timeline

Work Activity	Estimated Start	Estimated End
Pad Construction	03/2024	04/2024
Surface Casing	05/2024	05/2024
Horizontal Drilling	06/2024	09/2024
Well Completions	10/2024	02/2025
Production Facility Construction	08/2024	11/2024
Interim Reclamation	05/2025	02/2026

# Good Neighbor Commitment

## Noise



We use upgraded drilling rigs with noise reducing features and quiet hydraulic fracturing technology. These features reduce the noise from our operations. Sound-mitigating walls may be installed on a portion of the site during various times during operations.

## Light



We use light-emitting diode (LED) lights strategically oriented away from homes, making our operations less visible to our neighbors.

## Odor



To counteract any potential hydrocarbon odor during our drilling operations, we use Group III drilling mud.

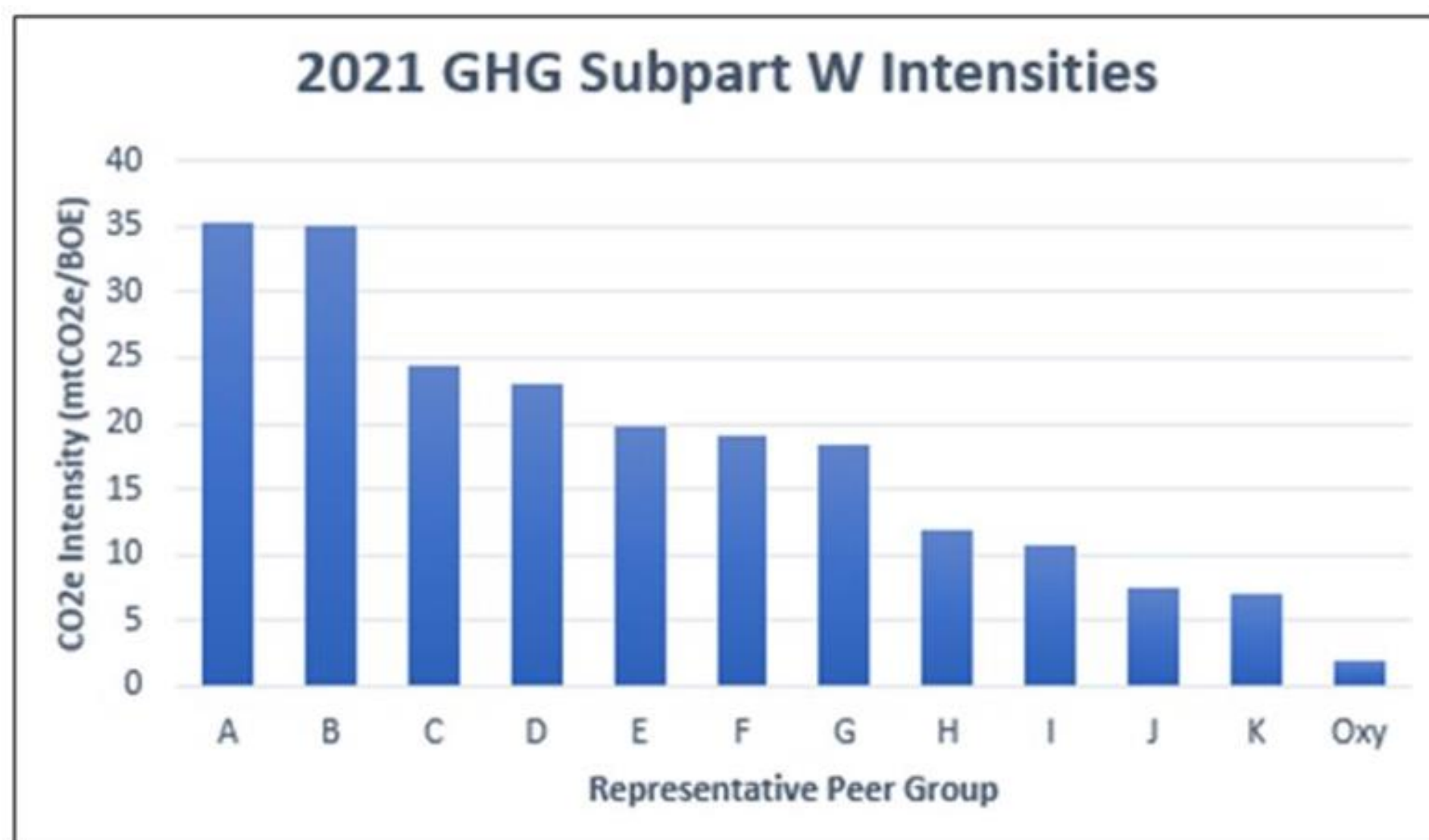
## Dust



We work to mitigate dust by applying dust suppression to the roads as needed. Various techniques include installing tracking pads and sediment traps, hydro mulching and/or hydroseeding topsoil piles, seeding disturbed soils, and placing and compacting a gravel layer on the working pad surfaces and access roads.

# Air Quality

## Reducing Emissions



\*From EPA FLIGHT data

### Lowest Emissions Intensity

We have the lowest emissions inventory intensity of any oil and gas operator in the area and have already met the CDPHE Regulation 22 - 2030 target.

### Zero Routine Flaring in all Colorado Operations-

Zero Flaring is just a small part of our global commitment to reduce GHG emissions in our operations and more efficiently use valuable methane resources.



## Monitoring Emissions

During drilling and completions, independent third-party environmental air quality experts perform continuous air quality monitoring. The Colorado Department of Public Health and Environment (CDPHE) approves our air monitoring program and receives monthly reports. Air samples are collected and analyzed according to EPA standards. The results are compared to health guideline values set by the CDPHE.

Air monitoring data is collected continuously and is monitored 24/7 by our Integrated Operations Center (IOC).

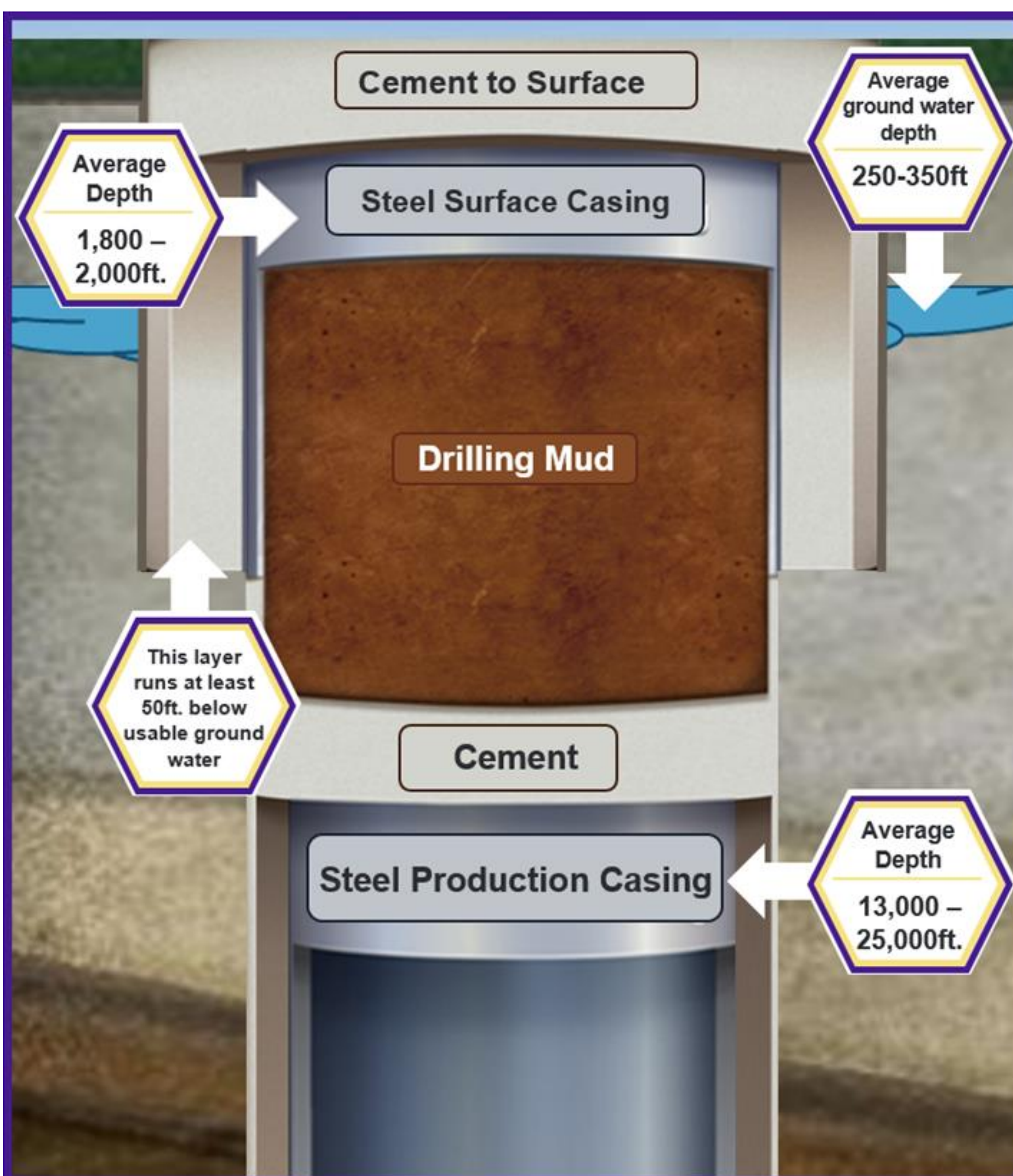
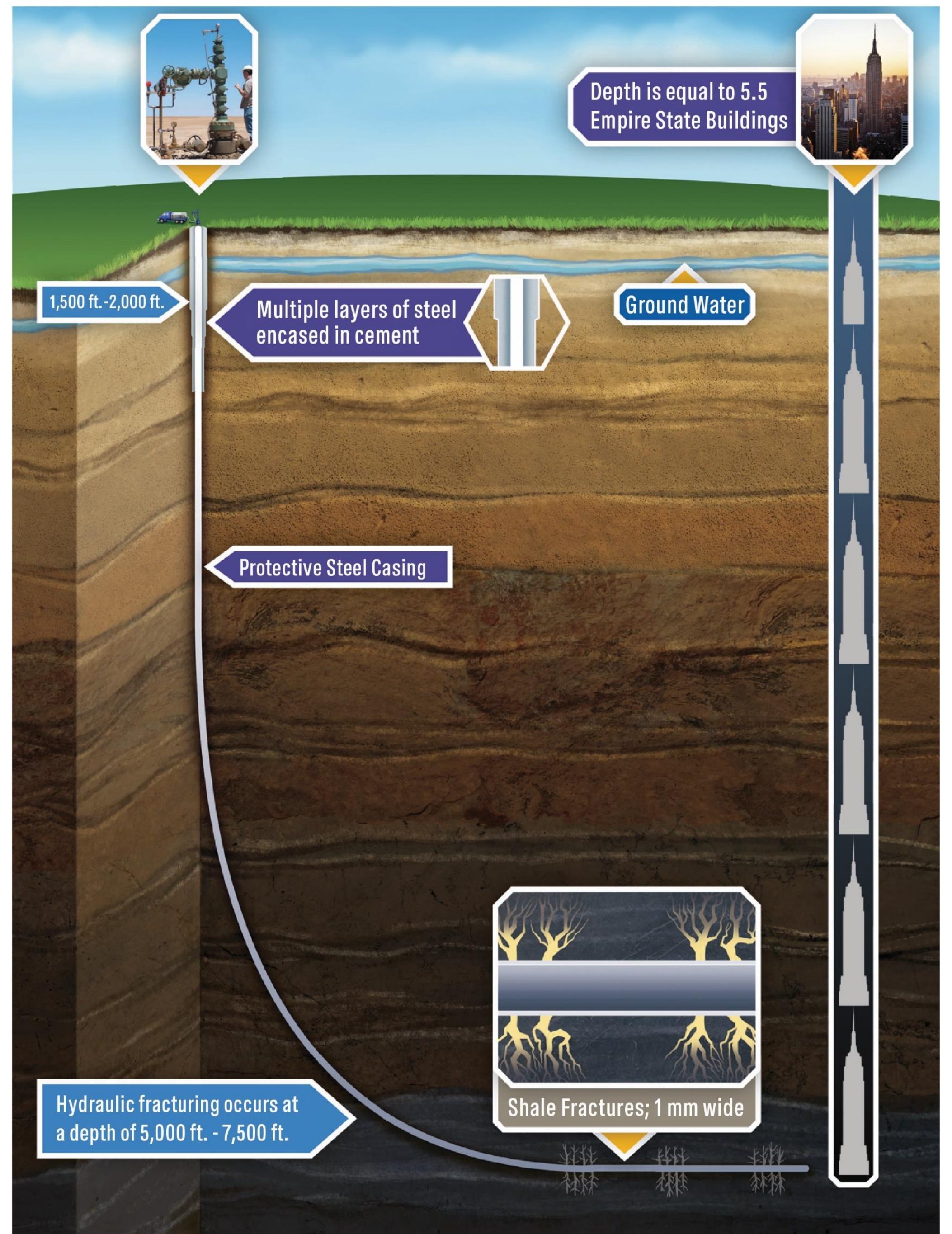
# Horizontal Drilling

## What it looks like

A production rig arrives and drills to a depth of 7,000 to 8,000 feet.

The horizontal portion of the wellbore can extend more than 2 miles.

Horizontal drilling takes approximately 4-6 days per well.



## Protective steel casing

Additional layers of protective steel casing and cement are installed.

# Completions

Well completions consists of hydraulic fracturing, flowback, well clean-out and tubing installation. Completions takes approximately 4-6 days per well.

**Hydraulic Fracturing:** A safe, highly engineered technology developed in the 1940s. Fluid is pumped over a mile below the earth's surface under pressure to create hairline fractures in the rocks.



We transport the water used in hydraulic fracturing through our innovative “Water On Demand” pipeline system. At the Clover and Alfalfa locations, this technology enables us to eliminate 230,800 truck trips.

**Flowback:** After fracturing, the wells are opened, and oil and gas flow into the mobile production facility.

**Well clean-out and Tubing:** The wells are cleaned out to remove excess sand and install the production tubing.

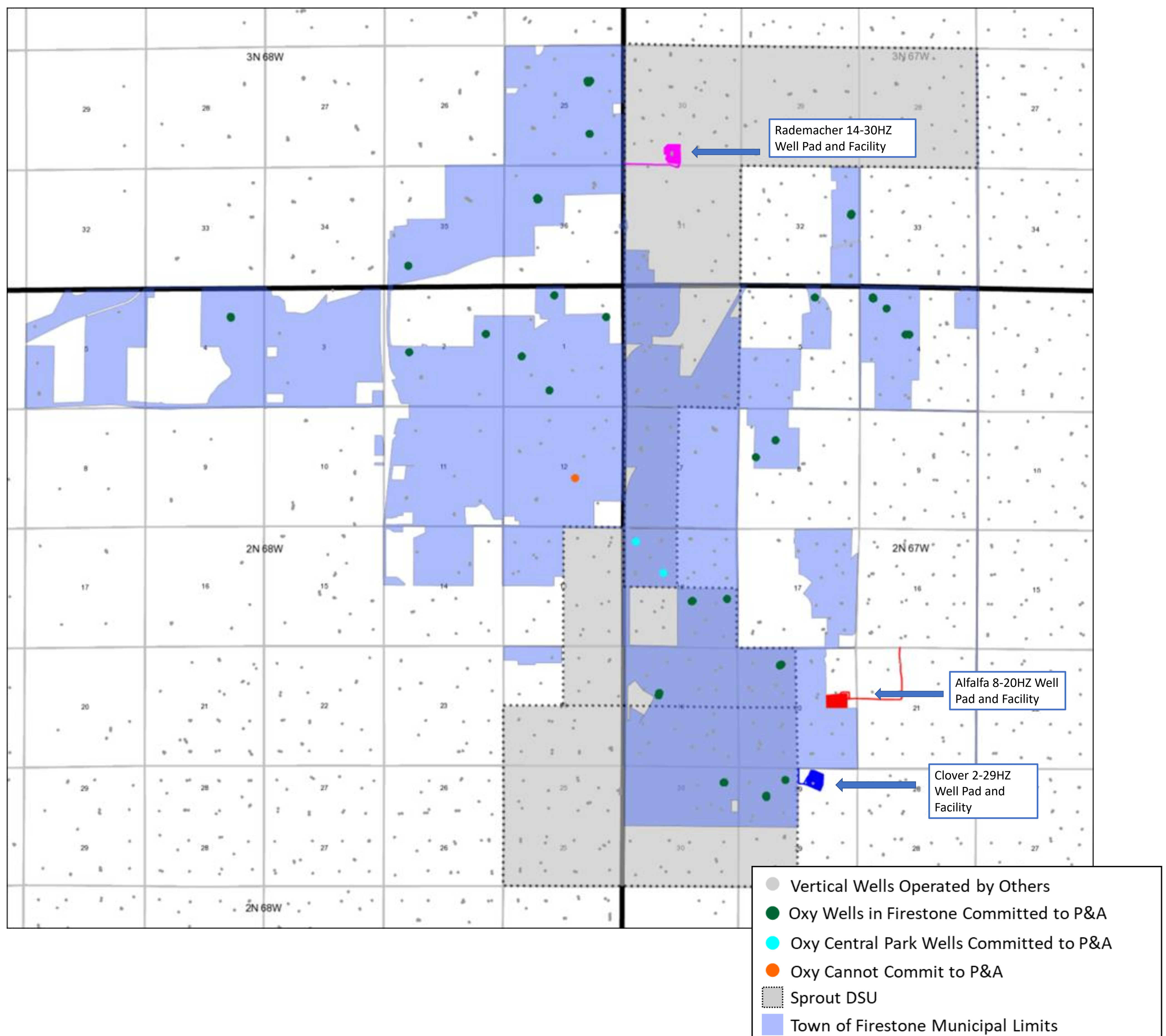


# Reducing Cumulative Impacts

When an oil and gas well no longer economically produces oil and natural gas, the well is retired, a process also called Plug and Abandonment, or P&A. This procedure is regulated by the Energy and Carbon Management Commission. This process usually takes 2-4 weeks to complete.

After well retirement, the surrounding site is restored to match the existing landscape.

We are committed to plugging 57 wells or 98% of our operated vertical wells in the Town of Firestone boundaries within one year of starting production with the Sprout OGDP.



# Community Resources

## Stakeholder Relations Team



We want to hear from you! For questions, comments, or concerns please reach out to our team.

## Integrated Operations Center



- Staffed 24 hours per day, seven days per week, 365 days per year by Oxy personnel who have been trained in the Oxy response practices and procedures.
- Enables real-time monitoring of the majority of wells and tanks. This enables employees to shut-in many of our wells remotely.
- Enhances collaboration with local and emergency response.