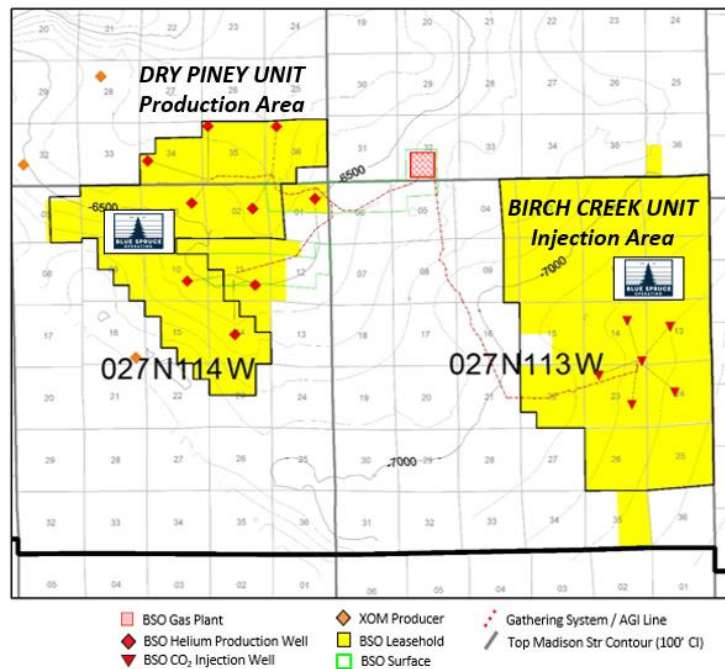


Appendix V - Public Summary Document

The Dry Piney Project, located on the LaBarge Anticline in the Greater Green River Basin, plans to expand the role of Wyoming as a key supplier of helium and natural gas while also better characterizing the carbon sequestration potential of the state's largest conventional geologic structure, which has not been extensively studied spatially or stratigraphically for CO₂ storage potential. The LaBarge Anticline contains valuable helium and methane, but also offers the potential to permanently sequester world class quantities of CO₂. Helium is a noble gas with few substitutes, sought for its unique properties and critical applications ranging from healthcare to semiconductor manufacturing and aerospace. Without additional Wyoming helium production in the coming decade, domestic helium production is expected to continue to decline, and the United States will become a net importer with new helium supply coming primarily from Qatar and Russia.



Blue Spruce initially plans to drill one production and one injection test well to acquire extensive log suites, take rotary sidewall cores, and sample pressure and gas compositions. This data will aid in calibrating 3D seismic and reservoir simulation models to improve understanding of carbon sequestration potential in both the Bighorn and Madison Formations. In the design and construction of a large-scale gas processing plant, Blue Spruce will evaluate novel carbon separation technologies including Pressure Swing Adsorption. The project will also prioritize improvement of CO₂ pipeline integrity by incorporating corrosion resistant alloy clad piping to eliminate the need for corrosion inhibitors.

The Dry Piney Project will produce more than 800 million cubic feet per year of helium (over 10% of the current world helium market) and capture and permanently sequester 4.5 million metric tons per year (MTA) of carbon dioxide, an amount approximately 1.6X the annual emissions of the Dry Fork Power Station. In addition, the plant will separate and sell over 1 Tcf of methane during the life of the project.