

v. **Public Summary Document** – see below



## Big Horn Basin CO2 Pipeline Feasibility Study

Wyoming Energy Authority Energy Matching Funds Application

**EMF Request: \$ 343,005 Total Project: \$ 686,010**

### **Project Overview**

The Big Horn Basin CO2 Pipeline Feasibility Study will assess the development of a CO2 transportation pipeline by identifying technical, economic, and environmental factors related to construction within a pre-established pipeline corridor from the Wyoming Pipeline Corridor Initiative. Development of this CO2 pipeline is critical to unlocking future opportunities in enhanced oil recovery and carbon sequestration projects.

### **Project Team**

Contango Resources is an experienced management team with a proven track record and access to capital for large scale investment. Contango's existing asset base includes multiple active enhanced oil recovery projects, extensive pipeline infrastructure to transport CO2, and multiple gas processing facilities in Wyoming.

### **Strategic Objectives**

- 1. Catalyze Enhanced Oil Recovery Projects:** Various fields owned by Contango and other operators along the pipeline corridor have a combined estimated 4 billion barrels of original oil in place. The Big Horn CO2 Pipeline will create opportunities to unlock largely untapped world class reservoirs for enhanced oil recovery. Building CO2 pipeline infrastructure to safely transport large scale volumes from existing CO2 sources will alleviate capital-intensive hurdles for EOR projects and improve economics by maximizing recovery and extending the life of these assets.
- 2. Foster Development of Storage Sites:** Storage sites along the Big Horn CO2 pipeline corridor have been identified but have not been meaningfully progressed due to inability to transport CO2 volumes from existing sources. The Big Horn CO2 pipeline will improve accessibility to move CO2 volumes from source to sink while targeting carbon sequestration sites capable of storing vast quantities of CO2.
- 3. Reduce CO2 Venting:** Construction of this pipeline will allow regional gas processing plants and other industrial facilities to easily transport captured CO2 volumes to enhanced oil recovery fields or qualified sequestration sites. The pipeline will stimulate growth in carbon capture and utilization projects while also playing a key role in transporting CO2 volumes that would be otherwise vented to the atmosphere.

## Public/State of Wyoming Impact

If the project moves from the study phase to construction, this project will create jobs and substantially boost economic development in the region. Access to this CO2 pipeline will not only benefit Contango but other oil and gas operators along the pipeline corridor to develop and execute enhanced oil recovery projects which will generate incremental local and state taxes. This pipeline will also provide transportation for gas processing and industrial facilities to transport CO2 emissions to enhanced oil recovery projects or sequestration sites which are bolstered by tax incentives. This feasibility study and path to construction to deliver CO2 volumes is key in unlocking future potential in the Big Horn Basin.

