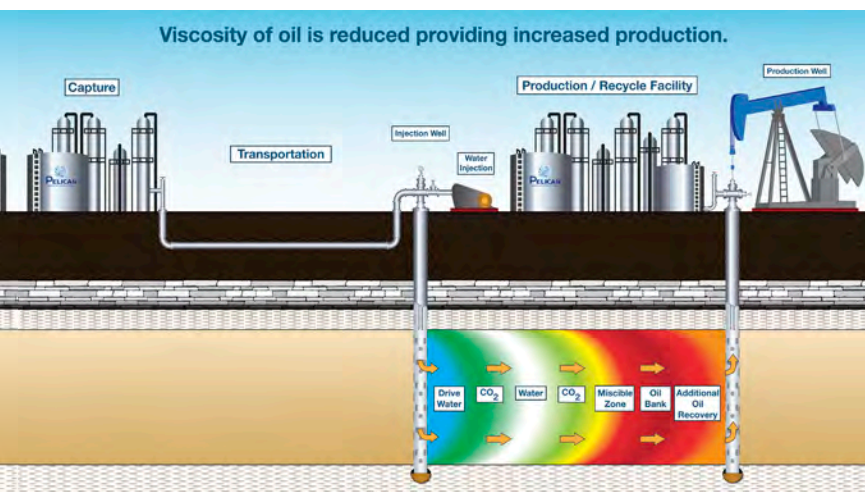


ENHANCED OIL RECOVERY



PELICAN

Pelican Energy offers a comprehensive suite of services to support our clients' Enhanced Oil Recovery projects. Pelican Energy can provide complete engineering and management services for various types of EOR projects. Our vast experience includes gas injection floods, water floods, steam floods, CO₂ floods, polymer floods and flue gas floods. Pelican Energy is a worldwide leader in CO₂ Enhanced Oil Recovery projects and has provided our services to the US, Canada, South America and Europe. Pelican Energy's extensive experience extends to all of the major CO₂ flooded basins in the US that have been operating since the 1960s. Our unique experience in warm and cold weather climates allow us to provide an unparalleled depth of solutions to your CO₂ EOR project needs.



Enhanced Oil Recovery Facilities

- Front End Engineering Design (FEED) Studies
- AFE Estimating for Overall Project Development and Costs
- CO₂ Capture Facilities Design from Ethanol, Fertilizer and Amine Systems and Other Anthropogenic Sources
- CO₂ Production Development from Natural Gas Fields and CO₂ Reservoirs Utilizing Membrane Technology
- Pipeline Engineering, Compliance and Project Management
- Process Modeling and Heat Load Studies
- Gas Treatment Systems Including Gas Dehydration and COS or H₂S Removal
- Water Alternating Gas (WAG) Facilities Design
- Gas Gathering Systems Design
- Recycle Compression Facilities Design
- Separation / Production Facilities Design
- Oil and Water Treating Facilities Design
- Carbon Capture Process Design
- Sand Handling Facilities Design
- Remote Testing and Gathering Facilities Design
- Storage Tanks and Terminals Design
- Deep and Shallow Foundation Design
- Pile Structured Foundations
- Pipe Rack and Footing Design
- Electrical Substations and MCC / Switchgear Design
- Lighting and Auxiliary Power Systems
- Grounding System Design
- Pneumatic, Electronic and Hydraulic Controls System Design
- Cause and Effect / SAFE Charts – Safety System Design
- Alarm System Including Gas and Fire Detection / Control Systems Design
- Development of Start-Up and Operating Procedures
- CO₂ Operations Training
- Specialty Material Procurement Services for Highly Corrosive Environment (CO₂ Floods)
- Materials Procurement Services
- Construction Management and Support
- Start-Up and Commissioning Support