

Planning, Design and Execution

Planning, Design and Execution Services

Reservoir / Cavern Engineering and Geology

- Detailed subsurface geological characterization
- Exploration and selection of target zones
- Integrated reservoir studies
- Geologic and reservoir evaluation; GIS based system
- Modeling, reservoir, core, formation, seismic subsurface studies
- Reservoir models and petrophysical evaluation
- Injection transport modeling
- Geochemical reaction modeling
- Area of review modeling
- Abandoned borehole studies

Drilling Engineering and Well Completion

- Drilling schedule for vertical and horizontal wells
- Directional drilling programs
- Drag and torque calculations
- Drill string design
- Borehole assembly design

- Mud program design
- Casing and cementing programs and specifications
- Wellhead and BOP configuration
- BIT design and hydraulics
- Completion design
- Test string equipment design
- Logging and services design and specifications
- Downhole injection packer design, QA/QC of fabrication and design

Construction Management

- Construction project manager
- Owners engineer
- EPCM (Engineering, Procurement and Construction Management)
- Technical consultant to the owner
- Project management
- Detailed engineering and design
- Cavern leaching design and planning
- Bid preparation and evaluation
- Contracting of contractors and suppliers
- Purchasing and procurement
- Field supervision
- EPC support services

- Commissioning and start-up of the facilities
- Operator training
- Production and documentation of operating and maintenance procedures

Drilling and Well Services

- Vertical, directional and horizontal drilling
- Well completions
- Cavern leaching
- Brine disposal
- Cavern first fill
- Logging and testing



Contact us for more information on how Geostock Sandia can efficiently meet your needs.

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www.geostockgandia.com