

JAMES THOMPSON, PROJECT MANAGER, GIT



Education

B.S. Geology, University of Kansas
M.S. Geology, University of Nevada Las Vegas (In Progress)

Professional Affiliations

Geologist in Training (GIT)
Pacific Section American Association of Professional Geologists Member
San Joaquin Geological Society Member

Professional Experience / Biography

As a Project Manager and permitting specialist at SCS Engineers, Mr. Thompson provides land use planning, water quality analysis, environmental review, geologic consulting, mapping, and technical writing for a broad variety of proposed or operating industrial and commercial facilities. Mr. Thompson has over twelve years of professional experience and has been lead Project Manager or a key contributor in preparing and processing complex permit application packages that include projects such as hydrogen production and fueling facilities, oil and gas production plans, Spill Prevention and Countermeasure Plans (SPCC), Underground Injection Control (UIC), midstream pipeline projects, miscellaneous commercial projects, cannabis cultivation and processing facilities, as well as surface and groundwater compliance. This experience has helped Mr. Thompson maintain great working relationships with various regulatory agencies throughout the state of California. Prior to his tenure with SCS, Mr. Thompson previously worked as a production geologist for Aera Energy, LLC for three years and following that he worked in the state of Kansas mapping oil prospects as well as being a well site geologist.

RELEVANT EXPERIENCE

Oil and Gas Projects

Sierra Resources/ ERG Resources/ HVI Cat Canyon. Prepared an Aquifer Exemption Application for the Casmalia Oil Field in Santa Maria Valley, CA. Conduct geologic analysis to demonstrate that ongoing oil and gas injection is not contaminating potential aquifers.

UIC Project Updates. Prepared 5 year technical review required by California Division of Oil and Gas and Geothermal Resources (DOGGR) for 5 Underground Injection Control (UIC) projects in California.

Class I Well Permitting.

- Prepared geologic mapping, interpretation and write-up for a Class I UIC well permit application (Form UIC-2).
- Conducted a fatal flaws analysis for faults and seismic hazards for a Class I feasibility study.

Pacific Coast Energy, L.P.

- Prepared a Conditional Use Permit (CUP) application and the supporting technical reports for the installation of a 2 megawatt microturbine to utilize waste gas to generate electricity for existing and proposed oil field equipment.
- Prepared a land use application for the installation of a ~3 mile intra-field oil pipeline in Santa Barbara County.

- Completed a technical report, engineering evaluation and various application documents for the operation of an oil and gas Waste Pile Management Facility (WPMF) in accordance with California's Central Coast Regional Water Quality Control Board (Water Board). Prepared annual compliance documents for WPMF inspections and soil sampling.

Pacific Pipeline Company (ExxonMobil). Has served as supporting planning/technical staff for five (5) years and lead Project Manager for three (3) years in the preparation and processing of permit application packages including a Development Plan, Conditional Use Permit, Coastal Development Permit, Environmental Impact Report (EIR) technical studies, and ancillary documents in order to permit an approximate 125 mile long oil and gas pipeline that extends through three (3) different counties in California and the permitting jurisdictions of twenty-three (23) different local, state, and federal regulatory agencies.

Cat Canyon Resources, LLC. Prepared a land use application for the installation of an intra-field gas line and supporting facility modifications in Santa Barbara County.

Oil and Gas Facility SPCC Plans – Mr. Thompson has prepared Spill Prevention, Control, and Countermeasure (SPCC) plans for both oil & gas operators and commercial/industrial facilities located throughout the Central Valley and Central Coast of California.

- **Oil and Gas Operators include:** Sierra Resources, LLC, Team Operating, LLC, Vaquero Energy, Sentinel Peak Resources California, ERG Resources, and Greka Oil & Gas
- **Non Oil and Gas Facility SPCC Plans** – City of Bakersfield, City of Lompoc, ACI Jet (4 separate Airport facilities), Central Coast Agriculture, and Super Store Industries.

Santa Maria Energy, LLC. Prepared a technical report and various application documents for the operation of an oil and gas Waste Pile Management Facility (WPMF) in accordance with California's Central Coast Regional Water Quality Control Board (Water Board).

ERG Resources. Prepared numerous permitting documents, maps and exhibits in order to submit a 233 oil and gas well production plan to the County of Santa Barbara. This included preparing a groundwater protection report in order to alleviate concerns raised by Santa Barbara County and the public regarding mechanical integrity of well bores and the potential for communication with overlying aquifers. Served as lead planner and project manager for response to all Information Requests needed to complete the Project's Draft Environment Impact Report (DEIR).

Hydrogen Permitting

- **Undisclosed Client.** Assisted in the preparation of the permitting feasibility study and environmental review of a proposed Hydrogen Production facility. This included researching the existing land use and zoning designations and analyzing project specific constraints in order to assist in preparing an environmental summary and permitting strategy.
- **Undisclosed Client.** Prepared Pre-Application Packages for fifteen (15) proposed hydrogen fueling station locations at various locations throughout California.
- **Undisclosed Client.** Actively preparing Land Use permitting applications for the development and operation of a Steam Methane Reform (SMR) Hydrogen (H₂) Production facility in the Los Angeles Region.

CO₂ Sequestration

- Prepared a hydrogeology and hydrology site characterization for a 2 Class VI carbon dioxide (CO₂) sequestration facility permit. Assist in the CEQA permitting analysis for the transportation and injection of supercritical carbon dioxide.
- Conducted a feasibility study for a Class VI CO₂ injection well in an existing oil and gas field located in southern California.