

# TRAVIS L. COMBEL

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## Vice President of Engineering

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### SUMMARY

- 25 years of hands-on experience in design, fabrication, engineering management, project management, construction support/supervision, and commissioning management
  - Expertise in salt cavern and depleted reservoir gas (natural and non-petroleum) and liquid (crude, LPG, and olefins) storage facility, interconnect, and pipeline development and operation.
  - Extensive experience with industrial systems, petro-chem, LNG, and oil & gas production facilities
  - Experience with power generation and distribution design & fabrication for low, medium, and high voltage systems
  - Project management experience leading engineering teams and \$300 million projects
  - Design & operation experience with US, International, and Maritime codes and standards
  - On-the-ground experience in the US, Asia, Africa, Gulf of Mexico, Europe, and South America
  - BS Electrical Engineering, EIT
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### PROFESSIONAL EXPERIENCE

#### Caliche Development Partners

**2017 – Present**                      **Vice President – Engineering**

Project focus includes storage cavern development and conversion, above ground facilities, brine ponds, pipelines, interconnect stations, and third party connections in Beaumont, TX. Leading a team to solution mine and convert caverns to NGL, olefin, and gas storage, build out above ground facilities including pumps, dryers, flare, brine ponds, electrical expansion, install pipeline headers, and construct multiple interconnect stations and third-party interconnects. Operational and regulatory support of developed facilities.

#### Fairway Energy Partners

**2016 – 2017**                      **Director – Engineering and Construction**

Project focus includes storage cavern conversion, above ground facilities, pipelines, meter stations, and third party connections southeast of downtown Houston. Leading a team to convert solution mining caverns to crude oil storage, build out above ground facilities including pumps, develop 100+ acres of brine ponds, build a 40 MW substation, install 20 miles of looping pipeline, and construct multiple meter stations and third party interconnects.

#### TCCT Services, LLC

**2014 – 2016**                      **Owner**

Engineering and project management on contract for private equity companies. Projects include leaching facility upgrades for CAES, small scale Helium Recovery development, front end liquid storage development, and crude storage facility design.

#### Zechstein Energy Storage

**2013 – 2014**                      **Director – Engineering and Projects**

Project focus included storage cavern conversion with high pressure tie-ins, grid connections with metering stations, and multi-stage storage facility development located in Germany. Managed the design and all engineering required for regulatory & permitting. This also included delivering all technical details, cost estimates, and construction schedules required for the business development planning.

Tasks Performed Include:

- Developing small scale stand-alone concepts and large scale estimates for input into financial models
- Creating CapEx/OpEx studies comparing US and European design concepts
- Developing relationships with European engineering firms, permitting agencies, oil & gas service providers, materials packagers, and materials suppliers.

## **Prime Controls**

### **2011 – 2012 Senior Project Engineer**

Responsibilities included the role of location senior/lead engineer, training and supporting existing and new engineers with design, programming, and troubleshooting; as well as implementing company-wide policies and procedures. Tasks included lead control system programming/integration, testing and commissioning, for industrial projects including rail car offloading, storm water pump stations, and waste water facilities.

### **Port Barre Investments d.b.a. Bobcat Gas Storage (now a Spectra Energy facility)**

#### **2007 – 2011 Senior Lead Project Engineer - Surface Facilities**

Project focus included the creation and expansion of a salt dome cavern based natural gas storage facility, creation of interconnect meter stations, and further development of salt dome leaching facility located in Louisiana.

Tasks Performed Include:

- Supervising and assisting with management of all disciplines of engineering design through on-site commissioning and startup, including leading commissioning and operations support.
- Providing money saving product solutions saving over \$1 million, while maintaining schedule
- Providing solutions for design errors and omissions while on-site during construction and commissioning.
- Interfacing with partner company personnel during design and construction
- Working with land owners and attorneys to complete land transactions for rights-of-way
- Coordinating third party installation of electric utilities

## **TEST Automation & Controls**

### **1996 – 2007 Project Engineer/Project Manager**

Managed small engineering teams on large control system and safety system projects, providing senior oversight and expert assistance. Designed, procured, programmed, tested, and on-site commissioned control systems, safety systems, SCADA systems, and Human Machine Interfaces on-shore and off-shore in the US and overseas. Automated various oil & gas production and midstream equipment. Managed TEST's largest in-house project, \$8.9 million in control panels and programming.

Performance for Bobcat Gas Storage led to being hired as an integral part of the Bobcat Gas Storage team.

## **Serv-Tech / Talbert & Associates**

### **1995 – 1996 Project engineer**

Tasks performed include:

- Transferring P&ID details into a database for the automated creation of loop diagrams.
- Assisting with the development of a database for tracking project data.
- Researching DCS manufacturers for potential strategic alliance.

## **SKILLS & EXPERTISE**

- Project Management, R&D, Estimating, Specifying, Scheduling, Design, Procurement, Fabrication, Testing, Installation, Commissioning, Startup
- Production Systems, Pipeline Systems, Pumping Stations, Compression Stations, Interconnect Facilities, Storage Facilities, Distribution Systems, Substations

## **EDUCATION**

- University of New Orleans, Bachelor of Science, Electrical Engineering – 1995

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