



# Harold E. McGowen III, PE

Founder · President · CEO of Navidad Energy Advisors

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## Areas of Expertise

- Casing Design
- Completion Engineering
- Drilling
- Energy Engineering
- Economic Analysis
- Horizontal Drilling
- Hydraulic Fracturing
- Mechanical Engineering
- Natural Gas
- Oil & Gas Engineering
- Oil & Gas Well Integrity
- Oil Field
- Oil Field Metallurgy
- Petroleum Drilling
- Petroleum Engineering
- Pipelines
- Product Process Development
- Project Management

## Summary of Technical Capabilities

- Registered professional engineer with over thirty-five years of experience
- Expertise in project management, drilling engineering, completion design and diagnosis, production engineering, and reservoir evaluation
- Skilled in the application of information technology to petroleum engineering and project management

## Employment Summary

2013–Pres.	President and CEO, Navidad Energy Advisors
2003–2015	President and CEO, Navidad Resources, LLC and NRI, Inc.
2001–2003	President, .052 Petroleum Engineers, Tyler, Texas
1997–2001	Senior VP of Engineering Services, Signa Engineering Corp., Houston, TX
1992–1997	President, NaviData Systems, Inc., Kingwood, TX
1988–1992	Engineering Manager, Trinity Resources, Inc., Houston, TX
1984–1988	Petroleum Engineer, Union Pacific Resources Company, Houston, TX
1982–1983	Engineering Technician, GEO-Vann, Inc., Katy, TX

## Accreditations

Registered Professional Engineer (PE) in the State of Texas, since 1989

## Awards

Texas Independent Producers and Royalty Owners – Top 15 Best CEOs - Medium Size Producer  
Aggie 100 -Fastest Growing Aggie Run Comp- #1 2012, #4 2013, #3 2014

## Memberships

Society of Petroleum Engineers (SPE), Since 1984

## Education

**Bachelors of Science Degree in Mechanical Engineering, 1982**

- Texas A&M University, College Station, Texas

## Publications

- "Case Study: Using Managed Pressure Drilling and Oil Based Mud to Efficiently Drill an Extremely Thick and Highly Fractured Carbonate Sequence Under an Extremely Thick and Highly Sensitive Laminated Shale", SPE/IADC-173021, 2015
- "Effective Methods of Engineering Outsourcing", SPE 84436, presented at SPE Technical Conference and Exhibition in Denver, Co., October 2003
- "Applicability of Underbalanced Drilling to Multilateral Junctions", Presented at IADC UBO Technology Conference, Houston, Texas, August 2000 (with George Medley)