

# SPENCER COX, MBA, P.E.

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## TECH-SAVVY COMPUTER SCIENTIST | ENERGY VETERAN PIVOTING TO SOFTWARE ENGINEERING

With 14+ years in the energy sector, I'm pivoting to software and technology, backed by a B.S. in Computer Science. Eager to infuse my deep operational insights with software innovation, I aim to merge my energy background with the vast horizons of tech development.

- ❑ **Organizational Transformation Through Machine Learning:** As COO at Bedrock Energy Partners, I spearheaded a machine-learning initiative, boosting our ability to predict unconventional well performance. This data-driven approach strengthened our investor interface, contributing to a successful \$255MM asset-backed securitization of Bedrock's PDP production.
- ❑ **Operational Excellence with Software Innovation:** As CEO at Bedrock Energy Partners, I developed and implemented real-time cost tracking software, leading to a consistent \$750,000 monthly operating cost reduction. This initiative also ensured employee safety and maintained production practices during the COVID-19 pandemic.
- ❑ **Engineering Expertise with Advanced Technology:** As North Dakota Area Engineer at Lime Rock Resources, I optimized drilling and completion practices, managing a \$125MM capital program in 2017. Surpassing production expectations and implementing interdisciplinary strategies, I achieved a 130% increase in field-wide oil and gas production from 2012 to 2015.

## KEY SKILLS

### Tech & Software Specializations

- Predictive Analytics & Decision Making
- Custom Software Development
- Proficiency in Python

### Project and Development Management

- Operational Software Implementation
- Cross-functional Team Leadership
- Agile Project Management
- One Team Approach

### Tech Leadership Qualities

- Tech Integration & Adaptability
- Innovative Solutions Focus
- Continuous Tech Learning Culture

## PROFESSIONAL WORK HISTORY

### TRINITY GAS STORAGE, LLC | Houston, TX

8/2023 to Current

*Start up gas storage greenfield development company.*

#### Board Observer (8/2023 to Current)

As a Board Observer at Trinity Gas Storage, my role involves overseeing the technical aspects of our operations, providing valuable insights to the board, and ensuring our company stays at the forefront of industry innovation.

### CLUTCH AUTOMOTIVE | Houston, TX

9/2023 to Current

*Privately owned automotive services company.*

#### Software Developer (9/2023 to Current)

Develop in-house software and tools to extract and analyze data from the industry standard Tekmetric Software. Set up secure API based tools that keep management informed.

### BEDROCK ENERGY PARTNERS | Houston, TX

7/2018 to 8/2023

*Co-founded a privately-funded E&P company focused on the acquisition & exploitation of upstream assets in mature U.S. basins.*

#### Chief Operating Officer (5/2021 to 8/2023)

Led strategic tech implementations and data-driven decision-making processes to successfully bolster investor confidence, culminating in a \$255MM asset-backed securitization of Bedrock's PDP production. Spearheaded and coordinated technological solutions across departments such as Land, Geology, Reservoir, Field Operations, and Production Accounting, leading a diverse team of over 70 professionals.

- **Revolutionized Production with Novel Software:** Integrated a cutting-edge software platform, fully automating the production system, resulting in a significant decrease in Proved Developed Producing (PDP) production decline from 13% in 2019 to <8% in 2022.

- **Drove a 37% decline in methane emissions since 2019** by championing a tech-driven Environmental, Social & Governance (ESG) framework, achieving a commendable 37% decline in methane emissions since 2019 within the Barnett Shale.

#### **Co-Chief Executive Officer (5/2019 to 5/2021)**

Led the digital transformation of operations, seamlessly transitioning to remote work model during the COVID-19 pandemic, simultaneously advancing data analytics to predict unconventional well production, ensuring employee safety, and preserving production management standards.

- **Cost Optimization through Innovation:** Introduced a real-time cost data tracking system, resulting in a marked reduction of Bedrock's monthly Lease Operating Expense (LOE) by \$750,000. This initiative delivered consistent yearly savings and empowered field-level leaders with immediate, actionable insights.

#### **Executive Vice President of Operations (7/2018 to 5/2019)**

Orchestrated the digital overhaul of operations, modernized a Barnett Shale asset, integrating pivotal software, IT, and hardware. Co-launched Bedrock's Portfolio Team, harnessing data analytics for precise well forecasting and ensuring safety and operational standards.

- **Human Capital Strategist:** Pioneered an upstream Oil & Gas entity, pushing recruitment frontiers. Streamlined the onboarding and growth of 100+ diversified talents, merging in-house and field expertise from Accounting to Geoscience.

#### **LIME ROCK RESOURCES | Houston, TX**

**5/2012 to 7/2018**

*A private-equity backed E&P company that acquires, operates, and improves lower-risk Lower 48 oil and gas properties.*

#### **Area Engineer – North Dakota (10/2016 to 7/2018)**

Boosted operational efficiency across the North Dakota Portfolio, overcoming complex challenges as the sole operations member of the Corporate Strategy Team over six years, via strategic management of all capital projects.

- **Optimized Field Production & Team Synergy:** In 2017, surpassed all production targets by adeptly managing a capital program worth \$325MM, while orchestrating a cohesive interdisciplinary team comprising engineers, operations specialists, and drilling & completions consultants to implement broad-reaching development strategies.

#### **Operations Engineer – Value Add Team (5/2012 to 10/2016)**

Enhanced operational efficiency by refining processes and optimizing a 12-person East Artesia Asset Team, overseeing Lime Rock's key New Mexico oil and gas asset.

- **Tech-Driven Operational Excellence:** Leveraged advanced technology and data analytics to double reserves, enhance oil and gas production by 130% from 2012 to 2015.

#### **Lead CO2 Production Engineer, Kinder Morgan CO2 Company, L.P.**

**1/2011 to 5/2012**

#### **Production Engineer, Discovery Operating, Inc.**

**5/2009 to 1/2011**

### **EDUCATION | CERTIFICATION | TECHNOLOGY**

**Master of Business Administration in Finance (MBA),** University of Houston

**Bachelor of Science in Petroleum Engineering (B.S.),** University of Texas

**Bachelor of Science in Computer Science (B.S.),** Oregon State University

**The Coding Bootcamp – Full Stack Web Development Certification 23-24',** University of Texas

**Full Stack Software Development: Building Scalable Cloud Applications Certification 23-24',** University of Texas

**Licensed Professional Engineer (P.E.),** State of Texas

**Texas Master Naturalist (TMN)**

**Technologies:** Microsoft 365, Linux OS, SSMS, ArcGIS, Python, C, C++

**Front-end Technologies:** HTML, CSS, JavaScript (ES6+), React.js, Bootstrap

**Back-end Technologies:** Node.js, SQL (e.g., MySQL, PostgreSQL), Express.js (Node.js), RESTful API Design, OAuth, AWS, Azure, or Google Cloud Platform, AWS, Google Cloud Platform

**Version Control:** Git, GitHub, GitLab