

Frank Morgan

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Work Experience

ATX Energy Partners

Austin, TX

Geologist – Powder River Basin

September '17 – March '20

- Principal geologist on creating key geologic maps for cretaceous sands such as regional/local net pay maps for the Parkman, Sussex, Shannon, Frontier/Turner, and Muddy sandstones along with GOR, oil gravity, bottom hole temperature, and geothermal gradient maps for the Niobrara and Mowry shales
- Performed detailed stratigraphic mapping of the Parkman sandstone, which resulted in the identification of multiple future horizontal Parkman well locations on company acquired acreage
- Evaluated 16 PRB deals across the basin by visiting data rooms, geologic mapping, analysis of production and core data, and identification of landing zones of horizontal wells, with deals valued as high as nine-figures
- Spent multiple weeks out on location for logging, rotary sidewall coring, and whole coring jobs including a 330-foot continuous coring run of the Mowry shale, which at the time was a Wyoming state record
- Provided exhibits on the Parkman, Sussex, Shannon, Frontier/Turner and Muddy sandstones for examiner and commission hearings in Wyoming as well as preparing geopros for operations and regulatory requirements

Geologist – Permian Basin

- Performed extensive mapping of the Middle and Lower Spraberry shales along with carbonate mapping within the Wolfcamp shales across the northern Midland Basin with focus on Andrews, Martin and Howard counties and helped evaluate multiple deals valued as high as ten-figures
- Worked as an integral team member that helped break down the Bone Spring and Wolfcamp sections into 5 mappable flow-units in the southern Delaware Basin resulting in significant value identification for several acquisition prospects
- Assisted reservoir engineering in evaluating and identifying landing zones and completion strategies in both the Midland and Delaware basins when assessing potential acquisitions

Geologist – Uinta Basin

- Lead geologist on the full evaluation of the Uinta Basin in Duchesne and Uintah counties from structure, maturity, net pay, production, and activity mapping of the Castle Peak, Uteland Butte, and Wasatch formations
- Helped lead the evaluation of a nine-figure deal covering ~43,000 acres in the central and northern portion of the basin

Geologist – DJ Basin

- Evaluated a nine-figure deal covering ~100,000 acres in the southern DJ Basin around Denver, Adams, Arapahoe, and Broomfield counties by mapping regional maturity, bottom hole temperatures, and heavy focus on identifying landing zones

Devon Energy

Oklahoma City, OK

Exploration and Asset Geologist – Powder River Basin

Summer '13, January '14 – September '17

- Worked on joint New Ventures/Business Unit team to identify, characterize, prioritize and execute exploration opportunities through integrated reservoir characterization involving geophysics, petrophysics, reservoir, drilling, completions, land and regulatory
- Principal geologist on several PRB prospects handling primary technical duties including OOIP, net sand, vertical/horizontal production, competitor activity and oil/gas show maps which lead to drilling exploration wells

Asset Geologist in Business Unit – Central Oklahoma

- Lead geologist for the evaluation of our NW acreage position focused on the Woodford Shale and Mississippian Limestone formations in central Oklahoma working with all disciplines to plan, evaluate and recommend where and how to move forward with the area along with geosteering ten two-mile long laterals

ConocoPhillips - Internship

Houston, TX

Asset and Operations Geologist - Eagle Ford Team

Summer '12

Cabot Oil and Gas - Internship

Houston, TX

Geologist - South Exploration Team working the Cline Shale in the Midland Basin

Summer '11

Formal Training (5-Day Long Courses)

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| Applied Subsurface Geological Mapping | Evaluation Methods for Shale Reservoirs |
| Evaluating Resource Plays: The Geology and Engineering of Shale, | Geological Characterization and Engineering of Unconventional |
| Tight and Coal Seam Gas Plays | Oil and Gas Shales |
| Petroleum Generation and Migration | Play Fairway Analysis and Exploration Prospecting |
| Risk Analysis for Petroleum Exploration | Recent Depositional and Stratigraphic Analogues for Fluvial and |
| Stratigraphic Interpretation of Siliciclastic Reservoirs | Shallow Marine Reservoirs (South Carolina) |
| Understanding, Evaluating and Managing Fractured Reservoirs | Tectonic Controls on Basin Development and Petroleum Systems |

Education

Louisiana State University - LSU Geology and Geophysics

Baton Rouge, LA

Masters of Science: Geology; Thesis: Natural Fracture Characterization in the Haynesville Shale, East Texas: A Core Study

January '14

The University of Texas at Austin - Jackson School of Geosciences

Austin, TX

Bachelor of Science: Geology with a Completed Honors Thesis in the Teton Mountain Range; Minor in Business Foundations

August '11