

Scott Bey

Oklahoma City, Oklahoma

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GEOPHYSICIST ~ GEOLOGIST

Project Management | Team-Oriented | Exploits Technology

Experienced Geophysicist with a demonstrated history of working in the oil and gas industry.

Known as an integrated Geoscientist bringing together the elements of all subsurface data including seismic, wireline logs, core and production for a robust geologic model.

Enthusiasm for driving geoscience to the forefront within a multi-disciplinary team setting. Communicates effectively with landmen, regulatory, planning, engineers and management.

Committed to continued education to improve geoscience skills and business acumen for a dynamic career as an individual contributor or manager.

AREAS OF EXPERTISE

- 2D/3D Seismic Interpretation
- Seismic Attribute Interpretation
- Seismic Stratigraphy
- Targeting and Geosteering
- Prospecting
- Well Log Interpretation
- Sequence Stratigraphy
- Structure/Fault Mapping

TECHNICAL & SOFTWARE SKILLS

- **Software:** Kingdom, Geographix, Petrel, Transform, Hampson-Russell, Spottfire
- **Geoscience:** AVO, Inversion analysis, Sequence Stratigraphy, Petroleum System framework, Seismic- Anistropy Analysis (HTI/VTI), Geomorphology, Sedimentology.

PROFESSIONAL EXPERIENCE

CHESAPEAKE ENERGY, Oklahoma City, OK

2012 – 2018

Geophysicist

Functioned as a member of a multi-disciplinary team in the Rockies and Gulf Coast Business Units to understand key performance drivers for existing conventional and unconventional plays. Utilized geophysical data along side geologic data to generate prospects on or near existing acreage to improve asset value. Managed outsourced projects for the research and development of new technologies to extract all possible information from the geoscience data.

- Generated seismic interpretations by means of horizon co-rendering, seismic attribute analysis, fault mapping, salt tectonic mapping, depth conversions and seismic stratigraphy.
- Built a Geocellular model using seismic derived rock properties and a discrete fracture network to further understand wellbore spacing for future field development.
- Played a key role in generating and developing two successful prospects through integrating seismic attributes into the geologic model.
- Managed outsourced projects such as, facies inversion, 3D merge processing, acquisition of a 3D survey and a microseismic monitoring. Subsequent evaluation and results of all acquired data was presented to the geoscience department.
- Concurrently managed and oversaw operational strategies for 9 rigs, creating accurate depth maps derived from seismic for pre-drill well targeting and hazard avoidance.

OXY USA INC., Houston, TX

2012 – 2012

Evaluated potential wells for re-completion in the Wasatch Formation, Piceance Basin.

- Built a sequence stratigraphic framework for a fluvial system using well logs and geologic mapping.
- Worked with reservoir engineers to generate a recommendation for potential economic re-completions.

EDUCATION

MS, Earth and Environmental Science (geophysics), Wright State University, Dayton, Ohio

BS, Earth and Environmental Science (geology), Wright State University, Dayton, Ohio

ORGANIZATIONS

Geophysical Society of Oklahoma City (GSOC)

Oklahoma City Geological Society (OCGS)

Society of Exploration Geophysicist (SEG)

- Previous Wright State University Student President
- Presented at Student Expo in Oklahoma City, OK

Geological Society of America (GSA)

- Presented at regional meeting in Dayton, OH

Collegiate Swimming

- Academic All-Horizon League recipient, team captain and Raider Award recipient