

LAUREN E. ROD

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PROFESSIONAL OVERVIEW

Skilled and accomplished Geoscientist with extensive technical experience and proven abilities as a dynamic, ethical professional who is committed to achieving the highest level of success.

HIGHLIGHTS

- Proven success at delivering commercial quality development of unconventional resources
- Well diversified and experienced in prolific US onshore basins: Eagle Ford, Anadarko, East Texas/ North Louisiana, Appalachian
- Brisk quantitative and qualitative skills for business development through experience with mergers, acquisitions and divestitures
- Goal oriented team player with strong logic, reasoning and problem solving skills
- Excellent communication skills, written and oral, for presentation and publication to a wide range of industry and business audiences
- Extensive technical expertise using Petra, ArcGIS, Petrosys, Landmark Openworks, Seisworks, Decision Space, Hampson Russell, RokDoc, SMT, Microsoft Office

EXPERIENCE

GUARDSMAN MINERAL SERVICES

The Woodlands, TX

Geoscience Consultant- US Onshore (Anadarko Basin, Eagle Ford)

06/2016 to Current

- Asses geologic and geophysical risk for well planning and permitting utilizing well data provided by clients as well as 3D seismic survey
- Utilize combination of purchased and public data such as Drilling Info and commission electronic database to acquire and interpret well logs, assign geological tops and compile relevant information for purpose of high-grading geologic areas and assigning best fit decline curve for estimating production
- Maintain updated profile of all operators and leasing representatives within defined AOI and track activity to stay current on leasing information such as royalty grants, bonus payments and agreement terms
- Analyze mineral owner position in regards to geologic evaluation, current leasing and development activity and provide client with integrated valuation report

ANADARKO PETROLEUM CORPORATION

The Woodlands, TX

Geophysicist- US Onshore (Anadarko Basin, Gulf Coast Region, Appalachian Basin)

03/2011 to 03/2016

- Analyzed, evaluated, and interpreted 2D data and 3D seismic surveys for exploration, exploitation and development of commercial quality hydrocarbon resources
- Evaluated leads by incorporating geological and geophysical data, petrophysical parameters, rock property cross plots and seismic attributes
- Actively monitored and advised drilling operations team using 3D seismic projection of currently drilling wells for the purpose of estimating dip and identifying drilling hazards in structurally complex areas, most importantly for fault avoidance
- Performed deep potential analytics to assess Triassic and older gulf-coast regional tectonic activity for potential hydrocarbon exploration in rift-fill systems
- Created, managed and approved AFE's through entire expenditure lifecycle
- Evaluated merger and acquisition prospects and collaborated with business development team about the technical

team's potential interest

- Prepared and actively hosted physical data rooms for divestiture opportunities
- Utilized seismic inversion to delineate thick Morrow channel sands from unconformable Mississippian Lime boundaries and successfully piloted 21 well program based on well locations identified on seismic survey
- Studied conventional attributes applied to unconventional zones to identify heterogeneity that could lead to exploration techniques typically not thought applicable to unconventional resource plays
- Utilized cross-plot tools to recognize attributes trending with production and provided scientific explanation for attributes with high correlation values

Geoscience Technologist- Alaska Foothills Exploration

03/2008 to 03/2011

- Responsible for constructing, developing and maintaining geologic databases
- Created and updated complex map layouts, log interpretations and created cross-sections for preliminary interpretation of incoming data

SAM HOUSTON STATE UNIVERSITY

Huntsville, Texas

Student Research Assistant and Teaching Assistant

02/2007 to 12/2007

- Produced simulations based on current, funded department research
- Utilized theoretical knowledge for data analysis in hypothetical research guidelines
- Solved complex mathematical problems to analyze physical behavior of quantum hall systems
- Led and instructed students in a lab setting, created methods to measure their understanding and implemented strategies to improve comprehension.

EDUCATION

MASTER OF SCIENCE: GEOPHYSICS

May 2011

University of Houston, Houston, TX

Course emphasis on Petroleum Exploration

- 3D Acquisition and Processing
- Petroleum Geoscience
- Potential Fields
- Wave and Ray Theory
- AVO
- Borehole Geophysics

BACHELOR OF SCIENCE: PHYSICS

Dec 2007

Sam Houston State University, Huntsville, TX

- Mathematics Minor
- Publication in Bulletin of the American Physical Society (APS) V37.6

MEMBERSHIPS

- Society of Physics Students
- Society of Exploration Geophysicists
- HGS
- GSH
- AAPG
- Energy Leader
- United Way Young Leaders