



THE UNIVERSITY OF TRINIDAD AND TOBAGO

PROFESSIONAL EDUCATION UNIT (PEU) GLOBAL DEVELOPMENT SERIES SEISMIC INTERPRETATION

OUTLINE:

Can I observe the reservoir on seismic? How large is the reservoir? Did the well cut a fault? Can seismic help me tie a set of wells? What kind of a structural trap did I drill into? Is the structure valid or a seismic artifact? Are these reflections real or multiples? How can I combine structural and stratigraphic interpretations to develop a structural and depositional history? How does seismic data acquisition and processing impact my interpretation? Will my well encounter hazards such as abnormal pressure or shallow gas? The participant learns to answer these and related questions by gaining an understanding of the seismic system, its limitations and pitfalls and by interpreting 2-D and 3-D seismic examples of structural and stratigraphic features associated with actively producing hydrocarbon areas.

YOU WILL LEARN TO:

- Understand the seismic process, interpret seismic sections, develop a geologic model, and prepare maps
- Relate the subsurface stratigraphy to well data
- Identify different structural styles from seismic data
- Create a basic stratigraphic framework using seismic stratigraphy

DESIGNED FOR:

Engineers, geologists and geophysicists who want to use seismic data for petroleum exploration and/or production - familiarity with geological terminology will be helpful.

DURATION:

OCTOBER 25 - 29, 2010
Monday - Friday (8:00 am - 4:00 pm)

VENUE:

The University of Trinidad and Tobago
Pasea Campus,
Corner Churchill Roosevelt Highway & Pasea Main Road,
Tunapuna.

FEE:

USD\$4,080.00 inclusive of course material, lunch and refreshment.

CERTIFICATION:

Participants will be awarded a PetroSkills Certificate of Completion.

INSTRUCTOR:

PetroSkills Facilitator

PLEASE CONTACT:

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