PetroSkills

Seismic for Unconventional Reservoirs - Virtual Short Course - Instructor-led + eLearning

COURSE

About the Course

This short course is a blend of self-paced online modules, virtual instructor-led lectures, problem assignments, virtual instructor-led problem debriefs with real-world application examples and knowledge sharing.

Over two days, this course includes approximately 2 hours of virtual, instructor-led training, plus 1 hour of e-Learning.

This PetroAcademy short course is designed to familiarize anyone using seismic data with how seismic data is used to explore and develop unconventional reservoirs. One of the key goals is to explain the large and confusing amount of jargon that is used by the geophysical community when they use seismic data.

This short course is part of our Basic Geophysics (BGP) program.

See the full BGP Short Course listing here

Target Audience

Geoscientists, engineers, team leaders, geoscience technicians, asset managers, and anyone involved in using seismic data that needs to understand and use this data at a basic level or to communicate with others that use it.

You Will Learn

Participants will learn how to:

- Identify rock physics for shale reservoirs
- Describe seismic analysis for unconventional reservoirs
- Describe microseismic, including surface and subsurface recording arrays
- Describe source (event) recording and location detection
- Describe three component recording
- Identify the role of Hodograms in source orientation
- Identify the importance of microseismic monitoring in different stress areas

Course Content

BLENDED LEARNING WORKSHOP STRUCTURE

This program is comprised of the following activities:

Activity	Hours (Approx)	Subjects
Day 1		
e-Learning	0.75	Seismic Unconventional Reservoirs Unconventional Rock Physics Microseismic Recording and Monitoring
Day 2		
Virtual Instructor-Led Session	2.00	Instructor Debrief / Problems
e-Learning	0.25	*Post-course assessment*

Product Details

Categories: Upstream

Disciplines: Geophysics

Levels: Basic

Product Type: Course

Formats Available: Virtual

Instructors: Tom Temples