AAPG Annual Meeting
March 10-13, 2002
Houston, Texas

Manika Prasad[1] (1) Stanford University, Stanford, CA

Experimental Rock Physics: the Past and the Future

Core measurements form the basis for much of our rock physics based understanding of reservoirs. Laboratory experiments have the advantage that they allow us to measure physical properties of rocks under controlled and monitored reservoir conditions. I present a review of the current state-of-the-art experiments and experimental design.

This paper provides

1. The numerous rock physics trends that have been obtained in laboratory experiments by various researchers.

2. Current state-of-the-art experiments

3. Future challenges for experiments