

E&P Workshop Series

Advanced Concepts in Hydraulic Fracturing

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A. Ali Daneshy, Ph. D., Daneshy Consultants Int'l

Course Description

Better understanding of the mechanisms of fracture extension, proppant transport, fracture closure, fracture conductivity, and production increase will lead to better fracture design and superior production enhancement. Through extensive use of field data this course offers a fresh and intensive look at the above topics.

This course offers a fresh and in-depth look at the above topics, including:

- How real hydraulic fractures propagate within the formation
- Simple and easy to understand mechanism of fracture initiation and extension
- Impact of completion design on fracture propagation and production increase
- Interpreting fracturing pressure data and to improve subsequent treatments
- Impact of shear fractures on fracture propagation, proppant transport and production increase
- Making qualitative assessment of fracture conductivity from analysis of fracturing pressure data
- Designing effective mini-fracs
- Matching fracture design with formation properties for better production
- Factors that control fracture height
- Cause and effect analysis of screen-out

Actual field data is used extensively in this course.



Who Should Attend?

This course is suited for anyone interested in improving the outcome of hydraulic fracturing treatments. The more participants know about fracturing, the more they will benefit from this course.

This Workshop qualifies for 1.6 CEU units to course participants.

Workshop Registration

Option 1 – Online

www.hartenergyconferences.com

Option 2 – By Phone

Contact Linda Carter at +1-703-891-4804 to pay by phone.