



The Fort Worth Geological Society Proudly presents:

Quick Look Techniques, by Dan Tearpock

Now known as

“Quality Control for Subsurface Maps”

Venue: Fort Worth Petroleum Club, 39th Floor, 777 Main Street, Fort Worth, Texas, 76102

Date: Monday, January 11, 2010, starting at 8:00 am and ending at 4:30 pm

Meals: A light breakfast, snacks and a sandwich lunch are included in the cost.

Cost: \$135.00 per person, payable to the FWGS (a HUGE discount for our membership).
\$175.00 per person at the door.

Sign-Up Deadline: Paid registration deadline is January 5th, 2010.

Instructors: Dan Tearpock, chairman, CEO and Founder of Subsurface Consultants & Associates

Course Length: 1 Day

Course CEUs: 0.8

Course Description

Whether you're drilling Haynesville, Barnett, Marcellus or Eagleford horizontal wells, don't be too quick to drill that next dry hole. Success is not the result of serendipity, but is based on solid scientific work. This course addresses the need for a systematic approach for quickly screening interpretations, maps, prospects and potential resources or reserves and identifying fundamental interpretation, mapping and estimating errors. The reverse application of methods and techniques as presented in our courses such as Applied Subsurface Geological Mapping and Advances Structural Geology are the core of this course. **The most common errors found on subsurface interpretations and maps are illustrated with numerous examples from around the world.**

The course begins by reviewing examples of interpretation and mapping errors that led to poorly located wells that are uneconomic or dry, as well as inaccurate reserves or resources estimates. Procedures using Quick Look Methods to address the risk factors that can cause dry holes will be reviewed. If time permits, the participants are then challenged with a series of real exploration and development prospects. A course manual, including the challenging projects with solutions, is provided for this course.

Learning Outcomes:

1. Develop an understanding of how to evaluate a variety of subsurface maps including fault, structure, and isochore maps....make sure that horizontal well is not faulted out of the pay section!

2. Understand the types of questions to ask when reviewing interpretations, maps and prospects.
3. Evaluate the 3-D viability of an interpretation, map or prospect.
4. Evaluate whether the resources or reserves attributed to a completed interpretation or map are under or over estimated.
5. Determine whether an interpreter has applied sound, industry accepted, geoscience principles and methods to generate an interpretation, map or prospect. *Prospect generators...don't look foolish; prospect buyers...don't get fooled!*

Who should attend:

Prospect generators, exploration and development geoscientists, **reservoir engineers, landmen**, property and prospect evaluators, supervisors, managers, bankers, investors and anyone involved in preparing, reviewing or evaluating both unconventional shale or conventional subsurface interpretations, prospects, fields and reserves or resources.

Class Instructor: Dan Tearpock.....*for those outside of the geologic community, Dan is a living legend, having literally written the book on subsurface mapping techniques...fail to follow his advice at you own peril.*

Daniel J. Tearpock is Chairman, CEO and Founder of SCA. He serves as Chief Executive Officer of this international petroleum consultancy and training company. As a working geoscientist, he generated numerous exploration and exploitation prospects, either as the sole generator or as part of an organized team, resulting in a total potential reserve exposure of over 100 MMGEBS. The largest exploration discovery of 250 BCF of gas in the offshore Gulf of Mexico in 1988, and the largest exploitation discovery of 4,500,000 BO in the offshore Gulf of Mexico in 1980. Dan has published numerous articles and co-authored two graduate-level, industry textbooks entitled, Applied Subsurface Geological Mapping and Quick Look Techniques for Prospect Evaluation. Dan has authored publications in the areas of geothermal energy, structural geology, shared earth modeling, project management, and petroleum subsurface mapping. He has also conducted and supervised numerous exploration and development studies in various basins around the world. Dan also serves as an expert witness for the Louisiana Department of Conservation. He received his B.A. in geology from Bloomsburg University and his M.A. in geology from Temple University. Dan is a Certified Petroleum Geologist and a member of AAPG, SPE, SEG, NOGS, LGS, HGS, GCAGS, and IPA.

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For questions or concerns, contact: Frank Paniszczyn, President-Elect, Fort Worth Geological Society @ 817 885 2529.

Fort Worth Geological Society

Please sign me up for _____ person/people to attend Quick Look Techniques, by Dan Tearpock, now known as “Quality Control for Subsurface Maps”. Attached is my check for \$_____ (\$135.00 per attendee). Discounts offered for university students, contact FWGS officers.

Payment must be received by January 5, 2010

Please send check and registration form to:

Fort Worth Geological Society, PO Box 17075, Fort Worth, Texas 76102