

**PTTC Workshop
September 1-2, 2009
Hilton Easton, Columbus, Ohio**

“Reservoir Engineering for Petroleum Geologists”

Presented by Richard Green

Course Description:

This practical course is designed to acquaint geoscientists or any petroleum professional typically not working with reserve estimation with the physical properties governing the behavior of producing reservoirs and common methodologies used to estimate reserves in the industry. Rock and fluid properties are reviewed with an emphasis on how they affect producing well behavior and reserve recovery. Examples and problems in volumetric estimation of reserves, analogy and various decline methods are introduced as are brief discussions of decline types, reserve classification systems, completion and recovery techniques and present value concepts. The participant should obtain an understanding of the estimation of reserves and leave the course with the skills to reasonably estimate reserves or interact and communicate effectively with reservoir engineers. The course requires only a calculator, several triangles and a pencil.

Course Outline and Topics Covered:

Topics Covered
Day 1 – September 1
07:00 Registration & continental breakfast
08:00 Introduction and discussion
08:30 Rock Properties
10:00 Break
10:15 Fluid Properties
11:45 Lunch
12:30 Common Reserve calculations methods
01:30 Analogs and analogies
02:30 Break
02:45 Volumetric reserve estimation
05:00 Adjourn

Topics Covered

Day 2 – September 2

07:30 Continental breakfast

08:00 Review and discussion of day 1

09:00 Break

09:15 Decline curve methodology

12:00 Lunch

12:30 Material Balance (P/Z)

01:30 Production Engineering

02:30 Break

02:45 Reserve Classification systems

03:45 Present Value and reserve reports

04:45 Final Exam(10 problems)

05:00 Class summation and evaluation

05:15 Adjourn

The course will begin promptly at 8:00 am and end at 5:00 pm. Certificates of Professional Development hours (16) will be provided at the end of the workshop.

Instructor's Biography:

Richard G. Green began his career in New Orleans, Louisiana with Shell Oil Company in 1973 after graduating from Kansas State University with a BS degree in Geology. At Shell, he gained experience as a production engineer and then as a development geologist working multiple oil and gas fields in South Louisiana and Texas. In 1978, he resigned from Shell and joined DeGolyer and MacNaughton Consultants in Dallas, Texas doing reserve evaluations in the Gulf Coast region. From 1980 to 1986 he worked for several privately-owned Dallas independent oil companies concentrating on exploration and development in the Permian Basin, Mid-Continent and Gulf Coast, and gained extensive experience evaluating drilling and exploration prospects.

In 1986, he co-founded Dallas Petroleum Partners, where he generated, drilled and operated prospects and wells in Kansas, Montana, Louisiana, Colorado and Oklahoma. Mr. Green joined the consulting firm of Netherland Sewell and Associates in January, 1994 as a Vice-President-Geology and gained extensive international experience in West Africa, Russia and South America. While at NSAI he managed and expanded a team of geoscientists and technicians as well as completing reserve studies. He co-founded LaRoche Petroleum Consultants in August, 1996 with three additional partners, where he was titled Senior Vice-President and Founding Partner. At LaRoche, he performed numerous domestic and international reserve and prospect evaluation studies. He joined Saxon Oil Company in January, 2007 as President and Chief Executive Officer and a member of the Board of Directors. Mr. Green also currently serves as a director of another publicly traded oil and gas company.

Location and Directions:

The workshop will be held at the Hilton Easton near the Columbus airport. A small block of rooms has been reserved for the nights of August 31 and September 1. Refer to PTTC or OGS workshop when calling the hotel.

To Register:

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: ____ ZIP CODE: _____

E-MAIL: _____

The registration fee for this workshop covers the entire workshop, including a notebook, continental breakfasts, morning and afternoon breaks and lunches for two days.

Ohio Geological Society members should make checks (**\$225**) payable to the “Ohio Geological Society.”

Non-OGS members who wish to join OGS should make checks (**\$245**) payable to the “Ohio Geological Society” to cover the workshop and annual dues for one year.

All others should make their checks (**\$295**) payable to “**PTTC**.”

Send the above form and your check to: Douglas Patchen, NRCCE, P.O. Box 6064, Morgantown, WV 26506-6064. For further information contact Doug Patchen at 304-293-2867, x5443 or Amy Lang at (614) 717-9262.

No refunds will be issued after August 24.