

Gary S. Swindell  
Petroleum Engineering  
4809 Cole Avenue, Suite 107  
Dallas, Texas 75205

214-987-0070

## Gary S. Swindell

Gary S. Swindell has 50 years of experience in reservoir engineering and petroleum property appraisal in a wide variety of geographical areas and basins, including international work in Western Siberia, Russia, the Caspian Basin and the Paris Basin, France.

After receiving a Bachelor of Science Degree in Geological Engineering from the University of Oklahoma in 1974, he was employed by Lone Star Producing Company (renamed Enserch Exploration) as a reservoir engineer in the company's North Central Texas District, engaged in reserve estimation, development drilling and workover recommendations, log evaluation and filings and testimony before state regulatory bodies. In 1976 he was assigned to the East Texas - North Louisiana District performing similar work.

He was promoted to District Engineer of the North Texas District in early 1977, supervising a staff of petroleum engineers responsible for Enserch's largest district in number of wells, consisting of 86 counties and 760 wells of which 450 were company operated.

In September, 1980, Mr. Swindell began work in petroleum engineering consulting, specializing in petroleum property evaluation and reservoir engineering and since that time has worked on a contract basis for DeGolyer and MacNaughton, in association with other consulting firms, and extensively with LaRoche & Associates, Dallas, Texas. With Mr. William E. LaRoche, he formed LaRoche, Swindell & Associates in 1990, and presently consults independently. His clients have included:

Devon Energy Corporation  
Triton Energy Corporation  
First American Bank  
Goldman, Sachs & Company  
CDX Gas LLC  
Aquila Gas Pipeline

Crosstex Energy Services  
Meridian Oil  
Burlington Resources  
Norfolk Southern Corporation  
Vintage Petroleum, Inc.  
WCS Oil & Gas

In 2007, he earned a Masters in Science (MSc) in Petroleum Engineering from Heriot-Watt University, Edinburgh, Scotland and his thesis study was on coalbed methane wells in the Powder River Basin of Wyoming. An SPE paper, derived from that study was presented at the Rocky Mountain Technology Symposium (*SPE 107308 Powder River Basin Coalbed Methane Wells – Reserves and Rates*)

Mr. Swindell is a Registered Professional Engineer in the states of Texas and Oklahoma, and is a member of the Society of Petroleum Engineers (SPE) and the Society of Petroleum Evaluation Engineers (SPEE).

He has served on the Dallas Energy Council, was Dallas section chairman of the Society of Petroleum Evaluation Engineers (SPEE), and has chaired the Reserves Definition Committee and the Internet Committee of the SPEE. He is the author of several articles and papers including: *Marcellus Shale in Pennsylvania: A 3,800 Well Study of Estimated Ultimate Recovery*; *Eagle Ford Shale - An Early Look at Ultimate Recovery (SPE 158207)*; *Powder River Basin Coalbed Methane – Reserves and Rates (SPE 107308)*, *Changes in the Performance of Texas Gas Wells (SPE 70018)*; *“Reserves and Performance of Canyon Sand Gas Wells” (SPE 35,204)*; *“Success Rates and Reserves in the Hardeman Basin of Texas” (SPE 18,927)*; *“U.S. Horizontal Wells Show Varied Production Performance”* (Oil and Gas Journal, March 25, 1996); *“Texas Production Data Show Rapid Gas Depletion”* (OGJ June 21, 1999). He has taught seminars at the Maguire Oil and Gas Institute at Southern Methodist University.