

Frank J. “Deacon” Marek

EDUCATION: B.S., Petroleum Engineering
Texas A&M University, May 1977

WORK EXPERIENCE:

1985 - Present

William M. Cobb & Associates, Inc.

Technical Advisor / Senior Vice President

- Specializes in oil, gas, and CO₂ reserve evaluation and economic analysis, waterflood and CO₂ EOR feasibility and performance analysis and reservoir simulation studies
- Conduct in-house waterflood workshops to assist clients in evaluating waterflood potential
- Considerable experience in providing reserve and economic evaluations of offshore oil and gas properties located in the Gulf of Mexico, including deep water projects

1982 - 1985

Cornell Oil Company

Reservoir Engineering Manager

- Responsible for surveillance and reservoir management of a 5,000 BOPD West Texas waterflood and a smaller Oklahoma waterflood
- Developed economic analysis of an anticipated CO₂ project for the West Texas property which included CO₂ supply alternatives, CO₂ transportation, field production performance, and infill drilling
- Responsible for reservoir engineering and economic evaluation of exploration prospects
- Developed annual internal reserve reports and supervised preparation of external company reserve reports

1981 - 1982

***Buttes Resources Company
Rocky Mountain District Engineer***

- Responsible for all operations in Montana, Wyoming, and Colorado including management and surveillance of certain waterflood and polymer flood projects
- Designed and recommended development and exploration wells, well completions, and well workovers

1977 - 1981

***Hughes & Hughes Oil & Gas
Petroleum Engineer***

- Prepared company's annual reserve report
- Evaluated drilling prospects
- Designed and analyzed pressure transient well tests
- Developed internal petroleum economics computer model
- Responsible for the design and implementation of development and exploration drill wells, new well completions, and workovers

TECHNICAL AND PROFESSIONAL SOCIETIES:

- Society of Petroleum Engineers - International (SPEI)
 - Management & Information Awards Committee 2003; Chairman, 2004
 - Economic and Evaluation Award Committee, 2002
 - Admissions Committee, 1994-1995
- Society of Petroleum Engineers – Dallas Section (SPE)
 - Chairman, 2004-2005
 - Hydrocarbon Economics & Evaluation Symposium

- General Chairman, 1999
- Arrangements Chairman, 1997
- Arrangements Committee, 1995
- Program Committee, 1989

- Dallas Section Membership Chairman, 1993-1994
- Dallas Section Arrangements Chairman, 1991-1993
- Dallas Section Continuing Education Chairman, 1990-1991
- Dallas Section Secretary, 1989-1990

- Society of Petroleum Evaluation Engineers (SPEE), Dallas Chapter
 - Chairman 1993-1994
 - Membership Chairman, 1994-1995
 - Secretary and Treasurer, Dallas Chapter, 1991-1993

HONORS AND AWARDS:

- SPE Regional Service Aware, 2007
- SPE Dallas Section Outstanding Engineer Award, 2005
- SPE Dallas Section Service Award, 1994

REGISTRATION:

- Registered Professional Engineer, State of Texas

PUBLICATIONS:

- Cobb, W.M., and Marek, F.J.: "Determination of Volumetric Sweep Efficiency in Mature Waterfloods Using Production Data." Presented at SPE Annual Technical Conference and Exhibition, San Antonio, Texas, October 5-8, 1997 SPE 38902.

- Cobb, W.M., and Marek, F.J.: “Net Pay Determination for Primary and Waterflood Depletion Mechanisms.” Presentation at 1998 SPE Annual Technical Conference and Exhibition, New Orleans, Louisiana, September 27-30, 1998 SPE 48952.

TECHNICAL PRESENTATIONS:

- “Waterflood – A Tried and True Technique for Secondary Oil Recovery” presented to:
NAPAC Conference, Dallas, TX, May 2012
Austin Bar Association Oil, Gas and Mineral Section, Austin, TX, October 2012
- “Waterflood Evaluation...In A Hurry” presented to:
SPEE Midland Chapter, Midland, TX., January 6, 2009.
Dallas Wildcatter’s Luncheon Meeting, Dallas, TX., May 29, 2008.
The SPE East Texas Section, Tyler, TX., November, 2005.
The SPE North Texas Section in Wichita Falls, TX., April 2005.
- “Tertiary Oil Recovery Processes” presented to:
NAPAC Convention, Dallas, TX., May 2001.
- “Due Diligence In Petroleum Property Evaluation” presented to:
Desk and Derrick Society, Dallas, TX., September 2000.
NAPAC Convention, Dallas, TX., May 2000.

COMMUNITY INVOLVEMENT

- Director and Secretary for Retina Foundation of the Southwest (RFSW).
2009 to Present The RFSW is an Eye Research Institute in Dallas, focusing on finding treatment and cures for debilitating diseases of the eye.