

**RANDY A. McCLAY, P.E., CSP**  
**CURRICULUM VITAE**

Randy A. McClay was born in San Francisco, California on December 18, 1949 and was raised in California. He graduated from University of California, Davis in 1972 with a B.S. degree in Chemical Engineering.

He worked as a chemical process engineer for Cordova Chemicals Division of Aerojet/General Tire from 1972 to 1973 where he developed step-by-step procedures, from laboratory processes, for manufacturing extremely hazardous toxic and explosive specialty chemicals.

In 1973 and 1974 he evaluated, monitored, and proposed modifications to the manufacturing line producing high pressure melamine and phenolic plastic laminate as a production engineer for Formica Corporation.

In 1974 he moved to Texas and joined Chevron USA as a production engineer in Midland and then held positions in Snyder as drilling engineer and as chemical/corrosion engineer of the SACROC Unit. As part of his duties for the SACROC Unit, he prepared and presented H<sub>2</sub>S testing and evaluation of the SACROC Unit CO<sub>2</sub> injection system before the Texas Railroad Commission in one of the original Rule 36 hearings involving the injection of CO<sub>2</sub> gas containing hazardous H<sub>2</sub>S.

In 1977 he joined Tamarack Petroleum Company, Inc. as a petroleum engineer and was subsequently promoted to engineering manager. Here he initiated, organized, and performed numerous drilling projects including horizontal drilling programs, deep well re-entries, and approximately 350 other newly drilled wells. He successfully argued cases before the Texas Railroad Commission, the New Mexico Oil and Gas Conservation Commission, and several other governmental bodies.

In 1990 he opened Exran Operating Company in Houston where he performed engineering and field consulting work on numerous projects, including the planning, drilling, and completion of several horizontal Austin Chalk wells consisting of wells with dual laterals, laterals over a mile long, and laterals over 13,000 feet deep. He also drilled and worked over numerous wells throughout South Texas. He has worked on various legal cases for private parties and government agencies. He has worked closely with independent operators, majors, the Texas Railroad Commission, the Texas Securities Board, and the United States Securities and Exchange Commission.

In 1994 he joined Rohill Operating Company, Ltd. as a Professional Engineer. He was employed as a petroleum and chemical engineering consultant for purposes of litigation support. He has knowledge and expertise in the petroleum and the chemical industries including drilling, production, refining, environmental, and chemical operations. He has worked with individuals and companies in the petroleum and chemical industries to recognize and understand the importance of safe labor and environmental practices.

In 1997 Mr. McClay again opened his own company in Midland, Texas. He now offers engineering consulting services as Exran Consulting, a registered engineering firm. His primary emphasis is on improving safety in the oil and gas industry. Mr. McClay is still very active in performing accident evaluation and in litigation support.

Mr. McClay is a registered Chemical Engineer, a registered Petroleum Engineer, and a Certified Safety Professional (CSP). He is registered as a Professional Engineer (P.E.) in Texas, Alabama, New Mexico, and Louisiana. He is certified in Comprehensive Practice by the Board of Certified Safety Professionals. His Professional Engineering record is Certified by the National Council of Examiners for Engineering and Surveying (NCEES). He is a member of the Society of Petroleum Engineers (SPE), the American Society of Safety Engineers (ASSE), the Texas Society of Professional Engineers (TSPE), and the American Institute of Chemical Engineers (AIChE). He is a Master Trainer and a Construction Site Safety Master Trainer (CSSM) for the National Center for Construction Education and Research (NCCER). Mr. McClay is a trained CPR and H<sub>2</sub>S safety instructor. He is a respected member of the community, a Member of First Presbyterian Church, and a Member of Rotary International #5730. He is a past Director of the Kimberlea Community Improvement Association Board, past Membership Chairman of the local SPE chapter, past President of the Permian Basin Petroleum Safety Group (PBPSG), Vice-President of the Permian Basin Chapter of ASSE, President of the Permian Basin Chapter of TSPE, Sunday school teacher, and Vice-President of the Midland Rotary Club. He is contributing to the growth of young men in the community as District Commissioner and Committee Council Member for the Buffalo Trails Boy Scout Council and is a Member of the Order of the Arrow.