



Myron K. Horn
1930–2016

By John W. Shelton
Tulsa, Oklahoma

Myron Kay (Mike) Horn was born in Miami, Florida, in 1930, and died unexpectedly March 26, 2016, in Tulsa, Oklahoma. Mike spent his formative years in New York City and on the coast of Maine. His early interest in science was centered on astronomy; yet he became seriously interested in geology from his rummaging through books and periodicals in the stacks of the New York Library on Fifth Avenue. In 1948, he entered the University of Colorado in Boulder, where he received a B.S. degree in 1952. Before he entered the United States Navy OCS program, he worked briefly for the Navy Hydrographic Office in Maryland. After receiving his commission and during his tour on the *USS Sheldrake* (AGS-19), an oceanographic survey ship, Mike

met and worked with several oceanographers from Woods Hole and Lamont, including Maurice Ewing. Also, during his tour, in 1954, he became a member of AAPG. After leaving the Navy, Mike, with his wife, Barbara, moved to Houston to begin employment with Halliburton at its well logging research lab. He attended the University of Houston at night, receiving a M.S. degree in 1958, and then entered the Ph.D. program at Rice University. In 1960, he became employed as a research geophysicist at the Pure Oil Company research lab in Crystal Lake, Illinois. While at Pure Research, Mike developed the first comprehensive computer system for log analysis (COMLOG), taught formation evaluation to company personnel, and conducted experiments in neutron activation. When, in 1964, Pure merged with Union Oil, Mike accepted an appointment with Cities Service Research as research geophysicist in Tulsa. He received a Ph.D. degree from Rice that same year, upon completion of his dissertation on computer-oriented geochemical modeling. In 1970, Dr. Horn became director of Cities Exploration and Production Research. During this period (1964-1970) with Cities, he introduced Dr. Maurice Ewing, director of Lamont, to the Doherty Charitable Foundation, resulting in Lamont becoming Lamont-Doherty Geological (now Earth) Observatory. His Cities staff was involved in exploration projects, as well as conducting a wide range of geoscientific research. His generous policy in regard to professional

involvement, attendance at technical meeting, and publishing not only served Cities' recruitment well, but also the profession and AAPG. Dr. Horn was director until 1984, when Cities was merged with Occidental Petroleum. Mike held two management positions with Occidental's domestic operations before he retired from Occidental in 1985 to begin his career as a consultant.

Also highly important during this period, 1970–1985, Mike took an active interest in the AAPG, serving as chair of the Research Committee and co-chair of the Geothermal Survey of North America. While he was AAPG's Elected Editor from 1979 to 1983, AAPG published more pages than in any other comparable period of time; the publications include the innovative *Atlas of Seismic Expression of Structural Styles* and *Atlas of Seismic Stratigraphy*, edited by Dr. Bert Bally, the classic volumes, *Sandstone Depositional Environments* and *Carbonate Depositional Environments*, spearheaded by Dr. Peter Scholle, and all-time best seller, *Basic Well Log Analysis for Geologists*, by Dr. George Asquith and Charles Gibson. Dr. Horn received the AAPG Distinguished Service Award in 1986, Certificate of Merit in 1993, Honorary Membership in 1997, and Special Award in 2011. He served as an invaluable member of the editorial board of *Search and Discovery*, a contributing author to it, and its most frequent viewer and examiner.

For several years Dr. Horn was responsible for Oil and Gas Review in *Geotimes (Earth)*. He served on

several NSF committees and on the US Scientific Advisory Committee for JOIDES. During his consultancy, Mike prepared research reports on a number of subjects, including burial history, source rocks, basin history, giant fields, and fractured reservoirs. Mike worked tirelessly as a volunteer with AAPG/Datapages on several important projects, centered on the digitization of geologic systems, including global databases of burial histories, source rocks, and giant fields. His most recent project, in conjunction with Dr. Peter Wigley of the UK, was the spatial location and cataloging of more than 10,000 published seismic images for inclusion, along with his other databases, in the current DEO-GIS project. These databases involved thousands of hours of Mike's time, utilizing his ingenuity, innovation, and intellectual insight. These personal characteristics, along with his eagerness to help others, will be sorely missed by his colleagues and by AAPG/Datapages.

Mike was passionate about the ocean and hand-built an extensive collection of intricate ship models. He also was a highly skilled furniture maker. Mike is survived by his widow, Barbara (his wife of 61 years), brother Michael and his wife, daughters Lisa and Nina, their spouses, son Marc, seven grandchildren, one great-grandchild, and two nephews.



Ray G. Martin

1941–2016

By Dorene B. West

Ray G. Martin unexpectedly passed away on March 19, 2016, in Houston, Texas. Ray was an outstanding geoscientist, loving husband, father, and grandfather, and good friend to all who knew and worked with him. He was born to Gladys Ann Sharp Martin and Ray G. Martin in Nashville Tennessee on April 20, 1941, and is survived by his wife of 41 years, Ann, a daughter Katie, a son Travis, and four delightful granddaughters, Alisa, Jenna, Cosette and Marley.

Ray was a consultant, geological/geophysical interpreter, most recently

at TGS-NOPEC Geophysical Company; you may have seen his interpretations on their spectacular double page advertisements in the *AAPG Explorer*. He began his career with the US Geological Survey where he published benchmark papers summarizing the results of 20 years of geophysical studies in the Gulf of Mexico—you may have seen his “Distribution of salt structures in the Gulf of Mexico map and descriptive text (Miscellaneous Field Studies Map 1213)”, which was the most requested USGS map for years. Upon leaving the USGS, Ray worked for Gulf Oil, Elf Aquitaine Petroleum, Pennzoil, and then TotalFinaElf/Elf Exploration before starting Martin Geoscience, Inc. and consulting for TGS.

Ray was an avid coin collector and an aviation history buff. He loved attending air shows and visiting air museums. He was a Texas Certified Petroleum Geologist and member of AAPG, GSA, Gulf Coast Section SEPM and the HGS (you probably noticed him at many dinner meetings). Ray will be remembered for his sharp wit, kind nature, and his many contributions to Gulf of Mexico, Caribbean and South Atlantic margin geology. We will miss having lunchtime debates with him; may he rest in peace.