



Francis Henry "Mac" McGuigan
1905 - 1996
Inducted 2003

Born in Washington, D.C., Mac McGuigan attended the University of Oklahoma and graduated in 1928 with a bachelor's degree in petroleum geology. He joined Lion Oil Company, which sent him to Owensboro, Kentucky and El Dorado, Arkansas before assigning him to Midland as district geologist and manager. In 1949, Mac correctly interpreted the presence of a large limestone reef of Pennsylvanian age containing a major oil accumulation. Following a gravimetric survey and limited seismic, Lion Oil drilled the No. 2 J.T. McLaughlin discovery well, which was completed January 6, 1949. Also in 1949, having convinced Lion Oil to buy an oil and gas lease covering the Diamond-M Ranch in Scurry County years before, Mac discovered the Diamond-M Field. Lion Oil eventually produced more than 40 million barrels of oil from 143 wells. Mac's work later resulted in approval by the state Railroad Commission for a water injection program in the field. This procedure significantly increased the recovery of oil from the Diamond-M Field and other similar fields.