of Science degree from the University of Nebraska in 1904; married Frances McGrady of Prophetstown, Illinois, December 26, 1903. Taking up his life work as a chemist he first became chemist for the Nebraska state department of agriculture, afterwards coming to Iowa in the same capacity in the Iowa department of dairy and food before the new department of agriculture was created, his combined service here as chief chemist being more than twenty-five years, illness compelling his retirement about two years ago. Mr. Redfern was a member of the National Committee on Standards of the United States department of Agriculture for many years; vice president of the National Association of Food and Drug officials two years, and a member of the American Chemical society more than forty years; a member of Masonic organizations and Alpha Chi Sigma, honorary chemical society, a Methodist and a Republican. Surviving are his widow and one daughter, Juliette, residing at Portland, Oregon.

JOHN GRENVILLE HEMPEL, merchant and legislator, died at his home in Elkader, Iowa, on October 9, 1945; born in Giard township, Clayton county, Iowa, December 9, 1860, the son of Charles F. and Dorothy Newman Hempel; attended rural school and assisted upon the farm until at the age of twenty he obtained a clerical position in the general store at Giard, later becoming its manager for three years, and then removing to Elkader where he entered the clothing business; on February 1, 1887, married Emma Bickel of Giard; on April 1, 1895, opened a clothing business in Elkader which he conducted forty-two years; elected county auditor in 1896 and served four consecutive terms and in 1923 was elected state representative and served three terms; held many positions of trust in his town and county; was on the state voting machine commission, and audited the state fair association; was two terms a member of of the state Republican central committee from the Fourth congressional district; a fifty-year member of the Masonic order and active always in civic and political circles. Surviving are the widow, two daughters, a granddaughter and a brother.

HENRY DELBERT MILLER, stockman, merchant and legislator, died August 26, 1945, at the family home near Morely, Iowa, where he had resided since his birth on January 7, 1867; an extensive breeder of black Angus cattle; engaged many years as a grain dealer, merchandising and banking at Morley, and at one time conducted an automobile distributor business at Cedar Rapids, having the distinction of being the only man or firm who shipped autos by the trainload into the state of Iowa; served as state senator from the Jones-Cedar county district from 1933 to 1939. Senator Miller is survived by his wife and a daughter.