

ANTICLINAL FOLDS IN CENTRAL CUSTER COUNTY

A. F. Reiter, 1920.

While making a survey of manganese deposits, a rather interesting series of anticlinal folds was discovered in central Custer County.

The axis of the first beginning near the center of sec. 17, T. 14N., R. 16W., and extending to about the middle of sec. 31, of the same township and range, was found a well defined anticline.

The next was found beginning near the middle of sec. 3, T. 14N., R. 17W., and extending to the SW. corner of sec. 14, of the same township and range.

A third begins near the north edge of sec. 27, and was traced to the south edge of sec. 34 of the same township and range.

A fourth began near the center of sec. 17 and extended to near the SE. corner of sec. 29, of the same township and range.

The axes of the second and third, described above, lie almost in a north and south line, only about three miles west of the axis of the first; while the axis of the fourth is only about two miles west of the second and third.

Even a novice may easily trace the outlines of these structures. This region has since been contoured by George H. Burress. These structures are more closely crowded together and more sharply defined than any I have seen anywhere. Oil developments are being started upon the first main structure.