Structure contour map of the North Casey Pool

The black contours represent the eroded surface of the Lower Mississippian (Horizon 1); the green contours the top of the basal Pennsylvanian (Casey) sand (Horizon D); and the red contours the top of the most important Pennsylvania (the "lower gas") sand (Horizon G). For the locations of all the wells in the North Casey pool see Plate XXIII. Only those wells are shown here whose tops gave the elevation of the "lower gas" sand directly. Of those shown, the following gave direct information on the elevation of the Casey sand: map nos. 2, 3, 13, and 11, N.W. 1/4 sec. 11, T. 10 N., R. 14 W.; nos. 8, 9, and 14, S.E. 1/4 sec. 28, T. 11 N., R. 14 W.; and 9, S.W. 1/4 sec. 28, T. 11 N., R. 14 W., and 9, S.W. 1/4 sec. 11, T. 10 N., R. 14 W.

Contour intervals, 20 feet

Scale of miles

Legend:
- Section line
- Quarter-section line
- Contours giving the elevation of the eroded top of the Lower Mississippian (Horizon 1), above sea level
- Producing well, with quarter-section reference number in Abuses of Well Data
- Abandoned well
- Dry hole
- Show of oil
- Gas well
- Contours giving elevation of the top of the most important sand, the "lower gas" sand (Horizon G, PL XXIII), above sea level
- Contours giving the elevation of the top of the basal Pennsylvania sand, the Casey sand (Horizon D, PL XXIII), above sea level

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