



Structure contour map of the North Casey Pool

The black contours represent the eroded surface of the Lower Mississippian (Horizon L); the green contours the top of the basal Pennsylvanian (Casey) sand (Horizon D); and the red contours the top of the most important Pennsylvanian (the "lower gas") sand (Horizon C).

For the locations of all the wells in the North Casey pool see Plate XXII B. Only those wells are shown here whose logs 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. 3, 9, 10, and 12, SE. ¼ sec. 33; 9 and 10, NW. ¼ sec. 3; 19 and 22, NE. ¼ sec. 4; 17, NW. ¼ sec. 4. Only the following gave the elevation of the Lower Mississippian top directly; map nos. 4, 8, 13, and 14, SE. ¼ sec. 33; 2, 5, 7, and 9, SW. ¼ sec. 33; 1, NE. ¼ sec. 34; 5, 6, 7, 13, and 18, NE. ¼ sec. 4; 2, 5, 6, and 11, NW. ¼ sec. 4; 2, 3, and 5, NE. ¼ sec. 5.