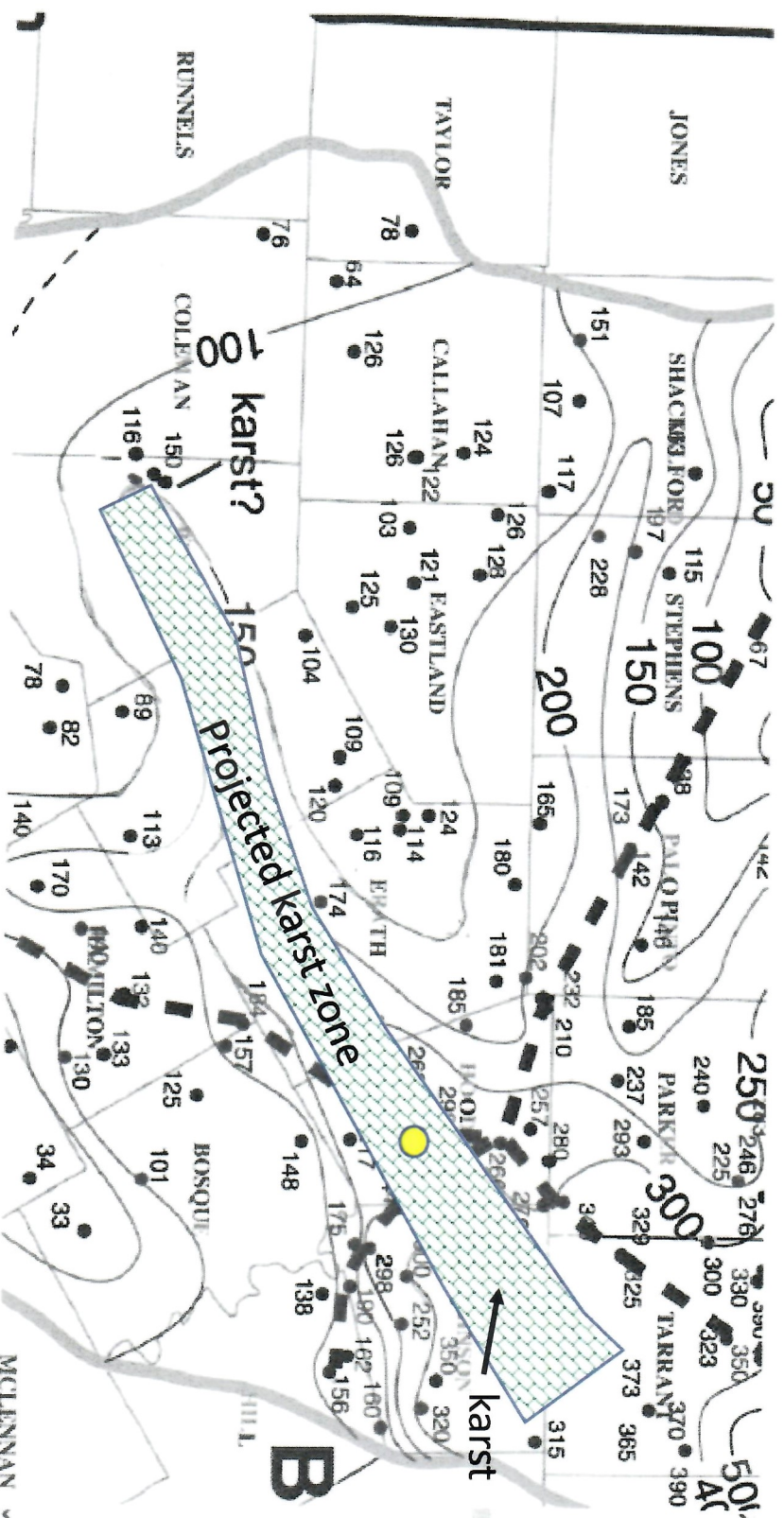


## Projected zone of karst collapsed features (caves) in the Ellenburger Group.



Barnette Shale contours interpreted after data presented by Pollastro, et al. 2007. Yellow circle is approx. location of Comanche Peak reactor. Contours, reinterpreted by Jerry Bartz 01/09/2023. Relatively thick shales are associated with permeable Ellenburger karst zones. High pressure injected water in karst strongly associated with activating dormant fracture systems and earthquakes in the DFW area. A dormant fracture system in the Lake Granbury (adjacent to the reactor). The 5 2012 earthquakes are within or proximal to the projected karst zone.