



LONQUIST & CO. LLC

PETROLEUM ENGINEERS ENERGY ADVISORS

LEA CO. NEW MEXICO

Mesquite SWD
Structure Map Top Yates
and Siluro-Devonian Structure

REMARKS

The thick light blue lines mark the horizontal extent of the Capitan Reef and Aquifer.

The Red lines are basement faults marking the western edge of the Central Basin Platform.

The Blue contours are on the Siluro-Devonian.

The faults and blue contours are from the Texas BEG Permian Basin Study.

Clearly, the Mesquite SWD proposed location is west of the Central Basin Platform; as seen on the Yates and Siluro-Devonian Maps, and within the limits of the Capitan Reef and Aquifer.

By: cwt

Datum: North American Datum 1927 (NAD27)

