

GUADALUPE PEAK  
EL. 8751 FT.

EXPLANATION

EL CAPITAN

GUADALUPE MOUNTAINS

THE RIM

.....  
Piezometric surface of  
water in the reef aquifer.

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Piezometric surface of  
water in the alluvium

ALTITUDE, IN FEET

5000

4000

3000

SEVEN RIVERS EMBAYMENT

AZOTEA MESA

ALLUVIUM

BLACK RIVER VALLEY

SHELF FORMATIONS

PECOS RIVER

CAPITAN LIMESTONE

CARLSBAD

SHELF FORMATIONS  
3000

REEF AQUIFER

ROCKS OF  
OCHOA SERIES

PECOS RIVER VALLEY

REEF AQUIFER

BELL CANYON FORMATION

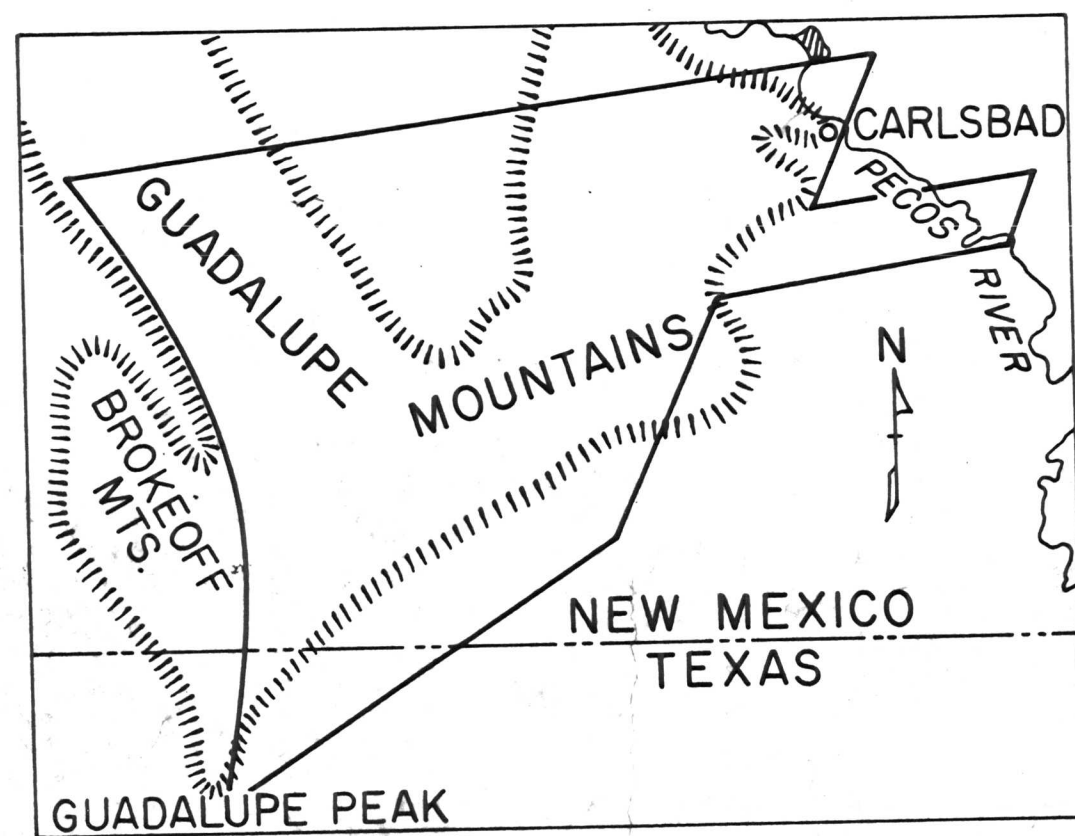
PECOS RIVER

CAPITAN LIMESTONE

ROCKS OF  
OCHOA SERIES

3000

L.J.B.



INDEX MAP SHOWING OUTLINE OF BLOCK DIAGRAM

FRONTISPIECE

Block diagram showing the general geology and occurrence of ground water in the Carlsbad area, N. Mex.