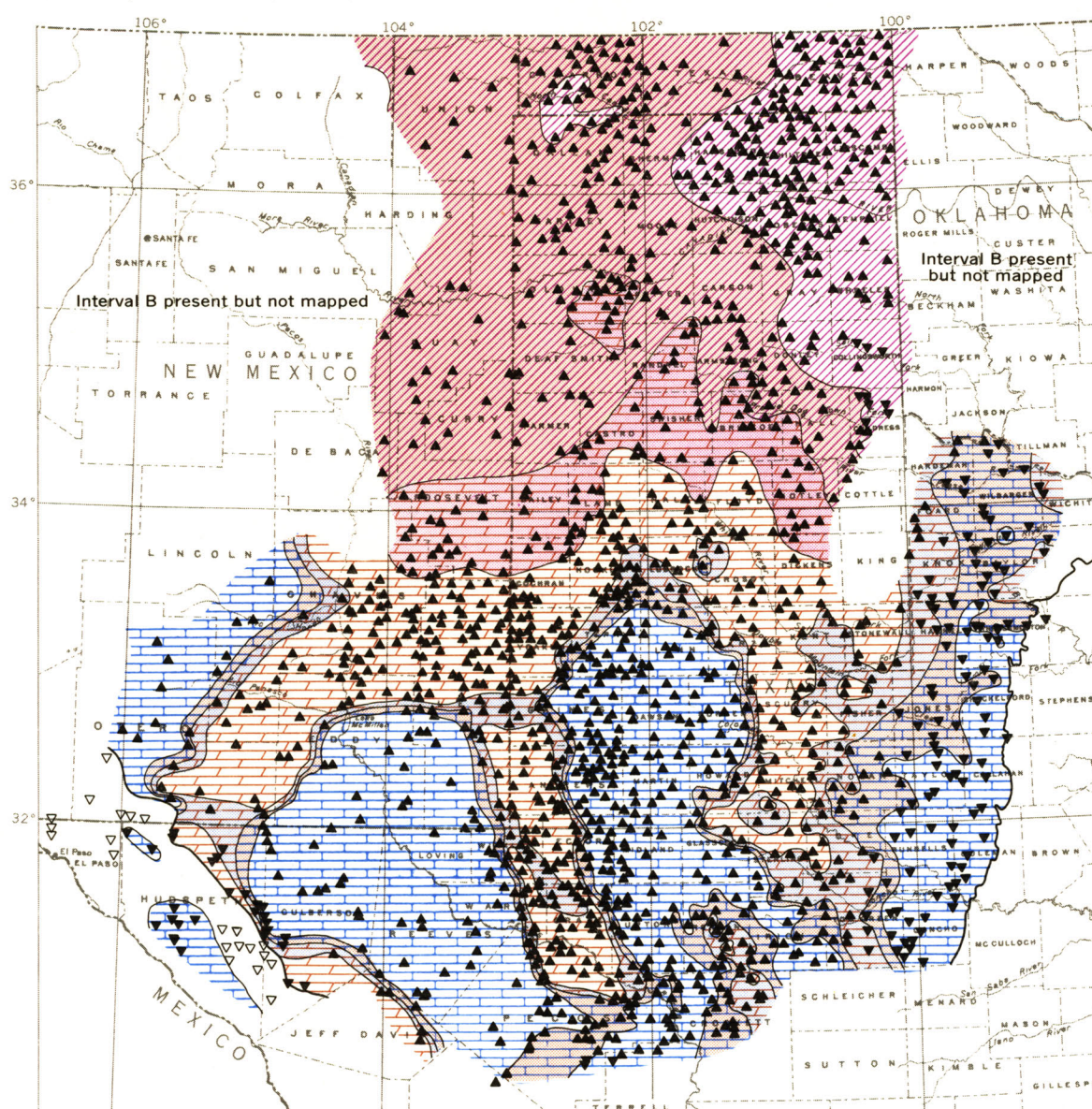
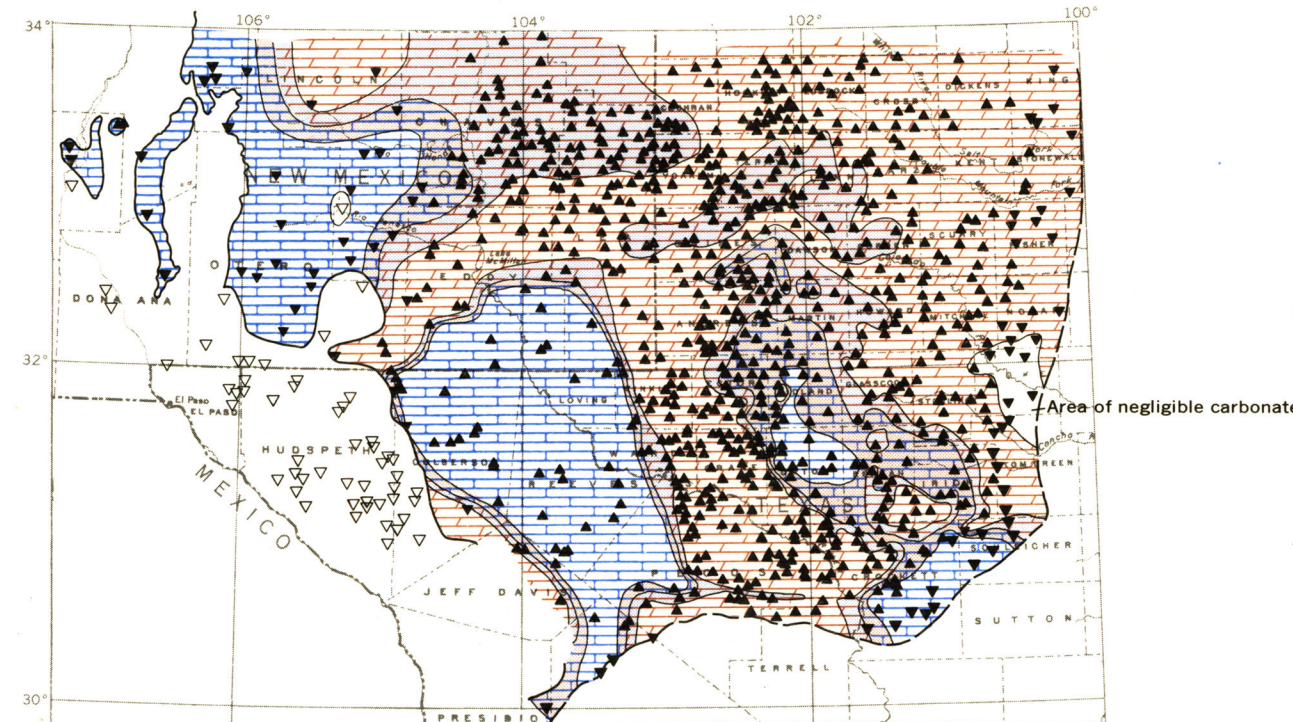
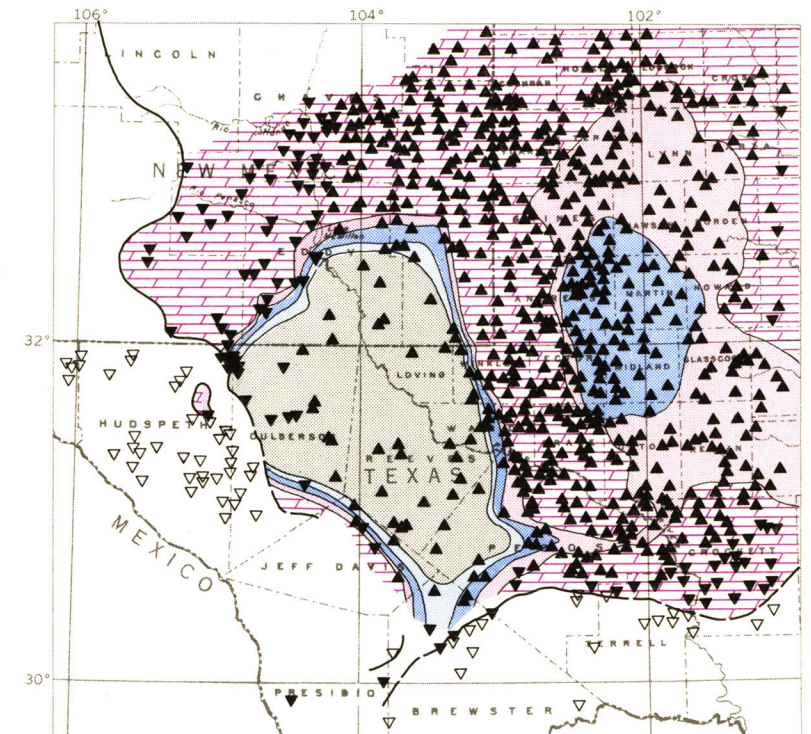




A. RATIOS OF LIMESTONE TO DOLOMITE AND OF DOLOMITE TO ANHYDRITE IN INTERVAL B



B. RATIO OF LIMESTONE TO DOLOMITE IN THE SAN ANDRES LIMESTONE



C. RELATION OF SHELF TO BASIN ROCKS IN INTERVAL C

EXPLANATION FOR A AND B

Limestone/dolomite ratio	Dolomite/anhydrite ratio
4/1	4/1
1/1	1/1
1/4	1/4

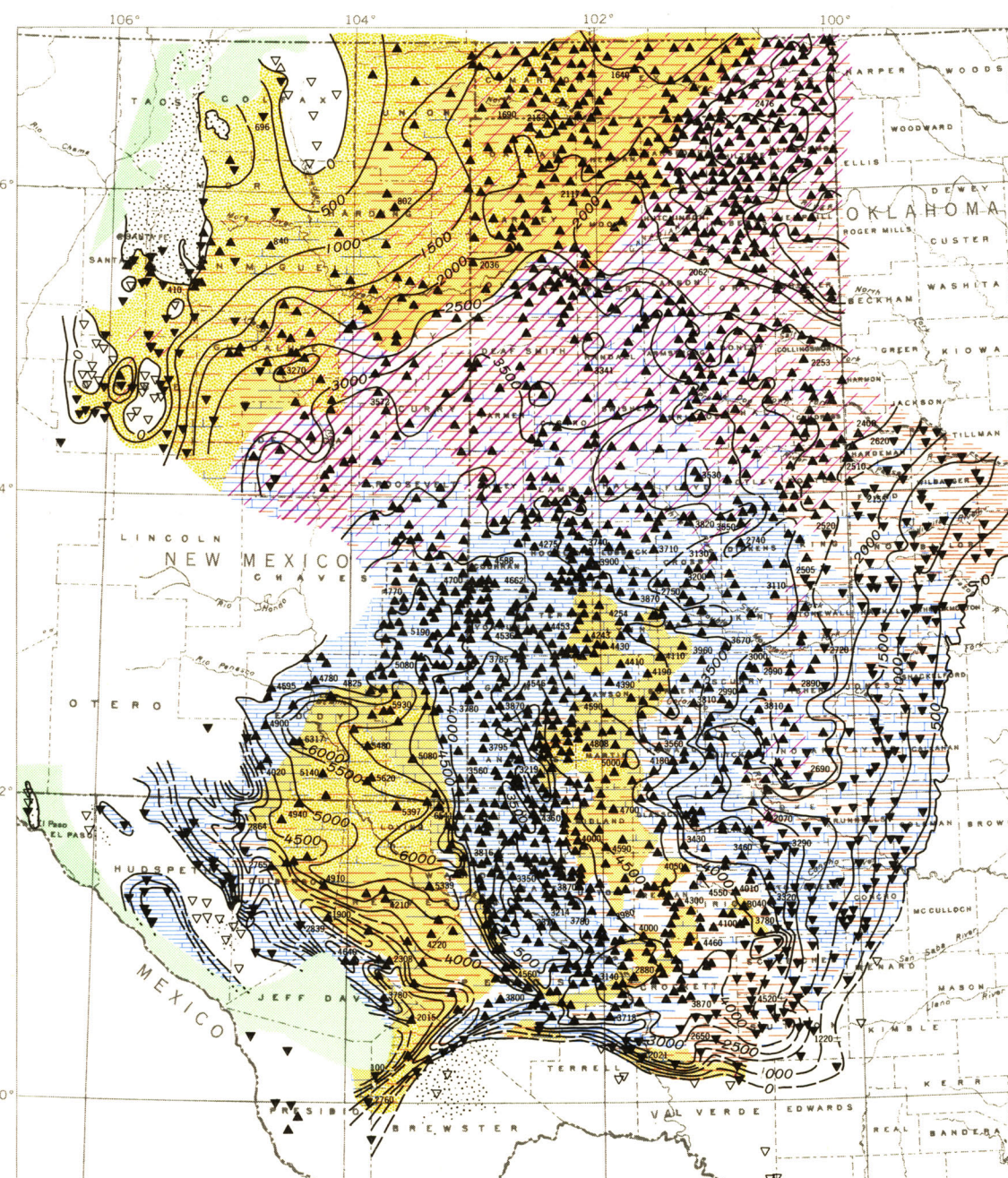
Control points shown on plate 1
Triangles inverted where next higher interval (map A) or upper part of interval mapped (map B) is absent

Control point shown on plate 1
Rocks of interval mapped are absent

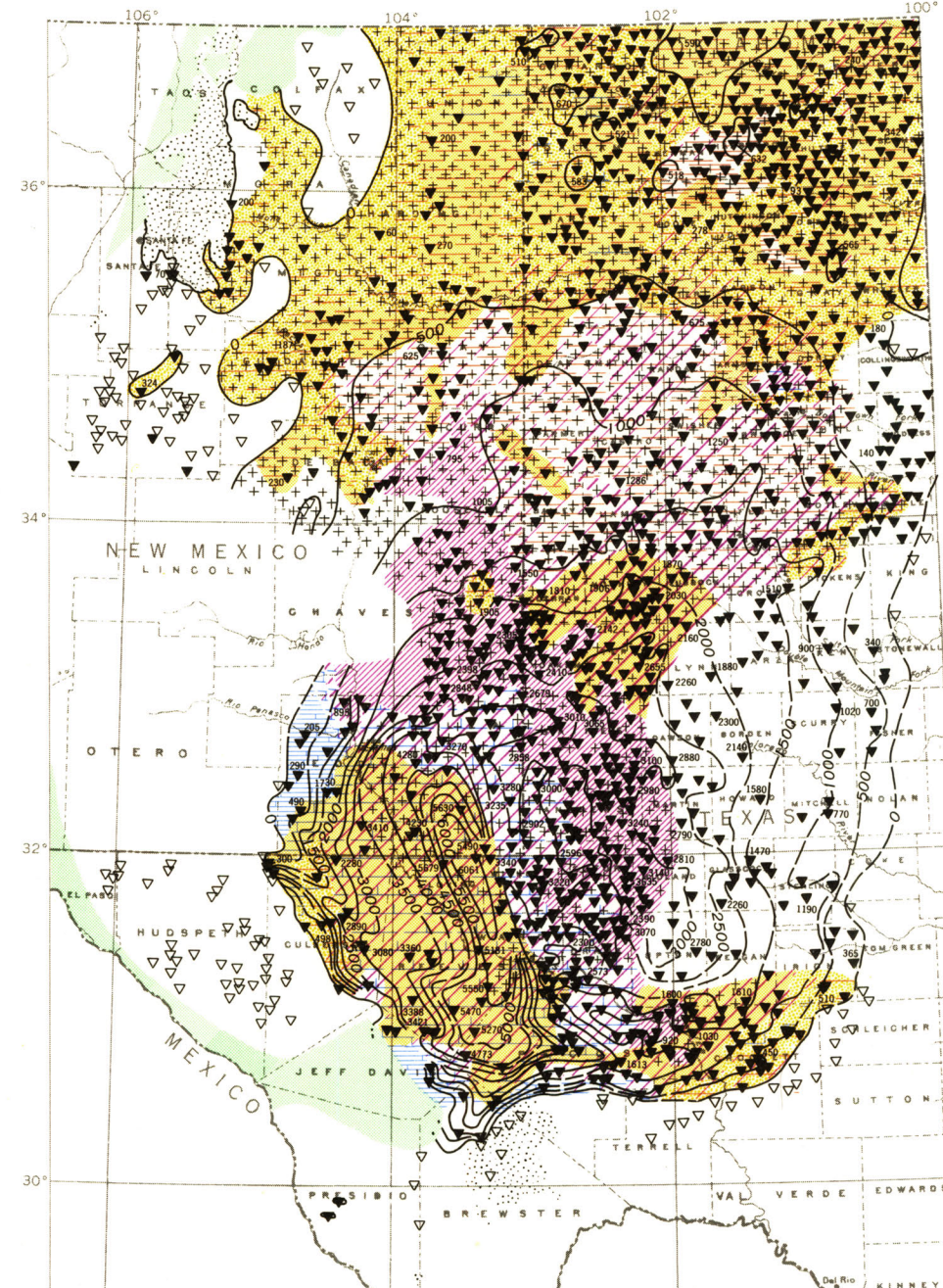
Areal limit of rocks assigned to interval C
Dashed where control is poor

EXPLANATION FOR C

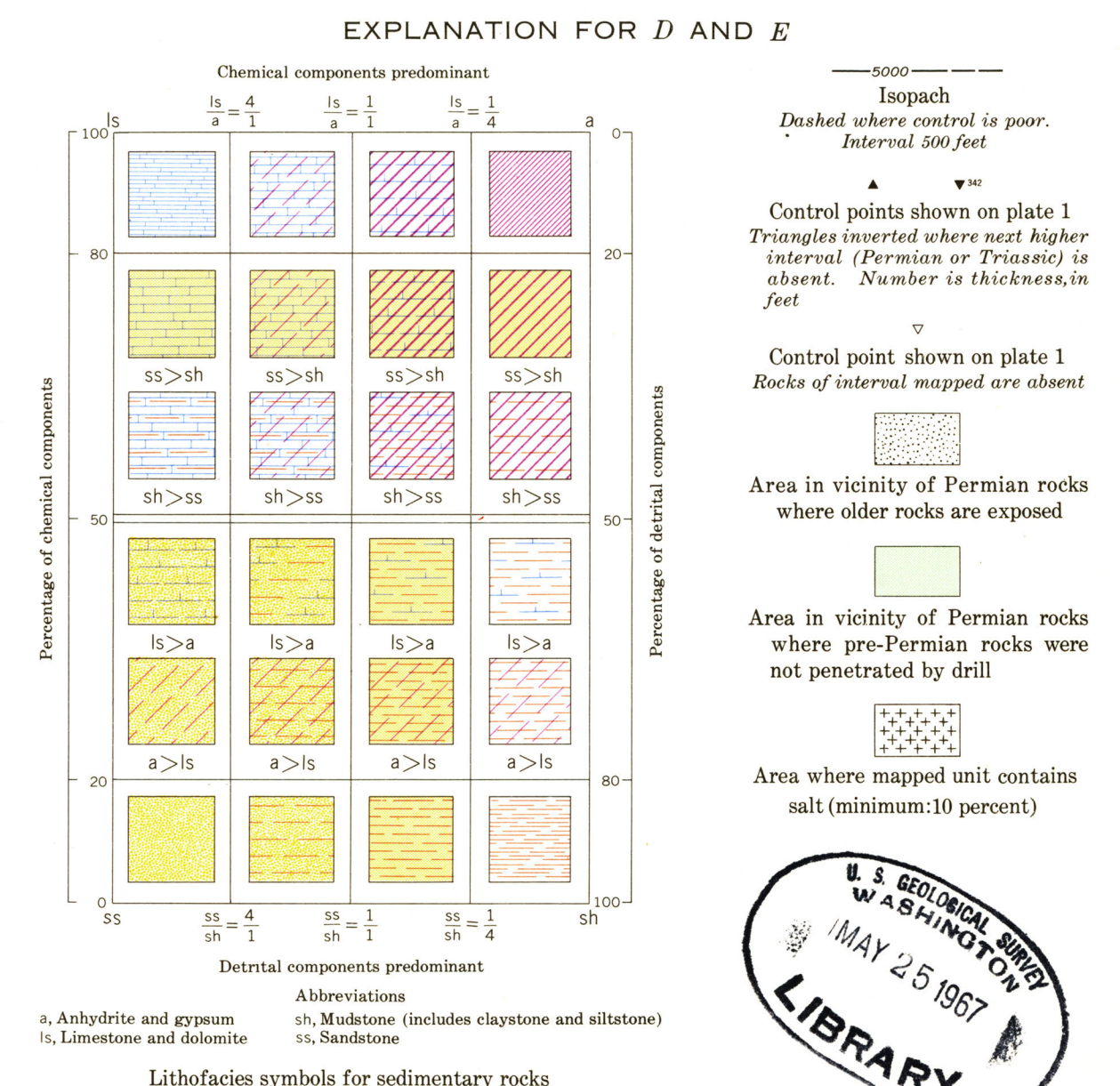
- Interval consists entirely of shelf rocks
- Interval consists entirely of basin rocks
- Upper and middle parts of interval consist of shelf rocks; lower, of basin or marginal rocks
- Area of interval C rocks where shelf and basin rocks are not differentiated
- Upper part of interval consists of shelf rocks; middle of marginal rocks; lower, of basin rocks
- Control points shown on plate 1
Triangles inverted where next higher interval of Permian is absent
- Control point shown on plate 1
Rocks of interval mapped are absent
- Most of interval consists of basin rocks except for upper part, which is of marginal rocks
- Areal limit of rocks assigned to interval C
Dashed where control is poor



D. THICKNESS AND LITHOFACIES OF INTERVAL B AND THE LOWER PART OF INTERVAL C



E. THICKNESS AND LITHOFACIES OF INTERVAL D AND THE UPPER PART OF INTERVAL D

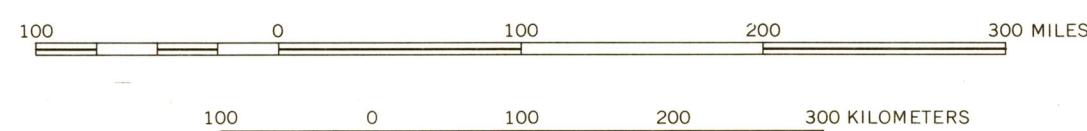


FACIES RELATIONS IN THE WEST TEXAS PERMIAN BASIN, TEXAS AND NEW MEXICO

By

S. S. Oriel, D. A. Myers, E. J. Crosby, G. H. Dixon, and E. D. McKee

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