ILLUSTRATIONS

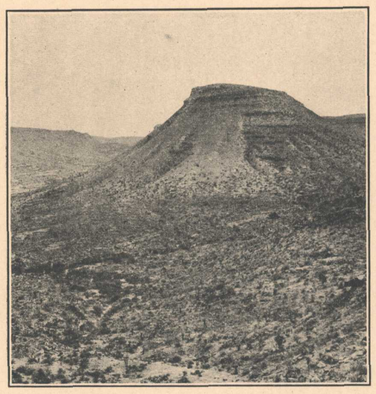

PLATE I.—UNCONFORMITY BETWEEN HUECO LIMESTONE AND VAN HORN SANDSTONE IN BUTTE 7 MILES NORTHWEST OF VAN HORN.

The almost horizontal Hueco limestone capping the butte overlies gently inclined Van Horn sandstone.

PLATE II.—ESCARPMENT OF SIERRA DIABLO SOUTH OF VICTORIA PEAK.

Shows characteristic capping of mesa by Hueco limestone, trenched slopes on the softer Millican formation, and generally sparse vegetation.

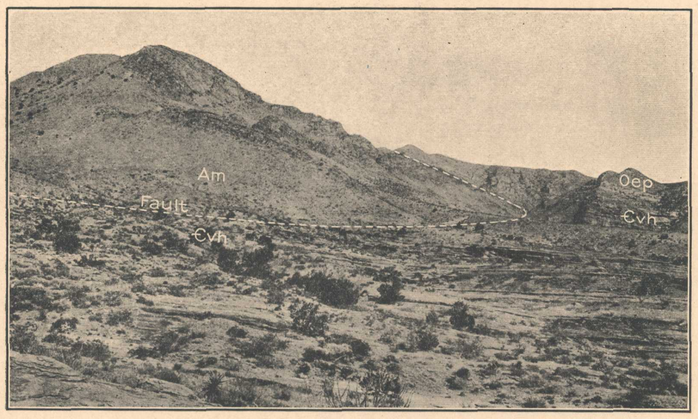

PLATE III.—FAULT NORTHWEST OF BEACH MOUNTAIN.

Looking northeast. Red sandstone of Millican formation (Am) in Morris Peak faulted up against Van Horn sandstone (Cvh) in foreground and El Paso limestone (Oep) in background.

PLATE IV.—WEST FACE OF BEACH MOUNTAIN, SHOWING EL PASO LIMESTONE OVERLYING VAN HORN SANDSTONE.

Millican formation in Morris Peak at extreme left is faulted up against the Van Horn and El Paso formations. Beach's ranch house in valley in foreground.

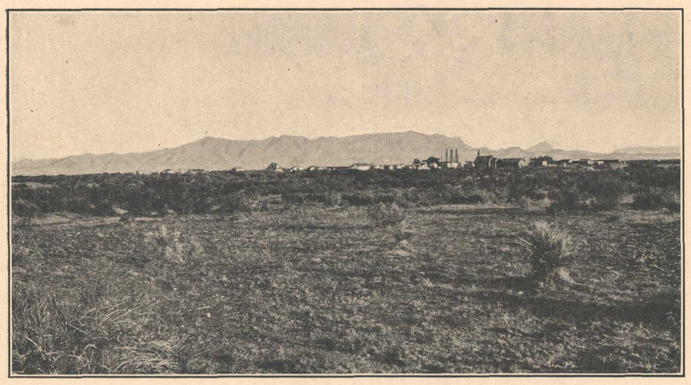

PLATE V.—SOUTH END OF SALT FLAT, IN VICINITY OF VAN HORN.

Wylie Mountains in the distance.

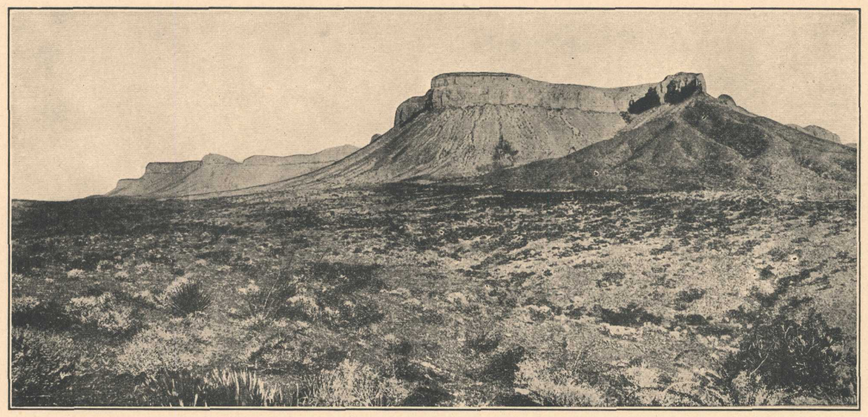

PLATE VI.—SOUTHEAST END OF SIERRA DIABLO, SHOWING HUECO LIMESTONE OVERLYING RED SANDSTONE OF MILLICAN FORMATION.

Looking northwest at end of mesa. The cliff-making rocks are Hueco limestone; the slopes are softer red sandstone of the Millican formation.

PLATE VII.—SOUTHEAST END OF SIERRA DIABLO, SHOWING VAN HORN SANDSTONE OVERLAIN BY HUECO LIMESTONE.

Looking southwest at a point 1⅛ miles north of Hazel mine. The upper massive cliffs are Hueco limestone; lower cliff thin-bedded Van Horn sandstone; Millican formation in foreground.

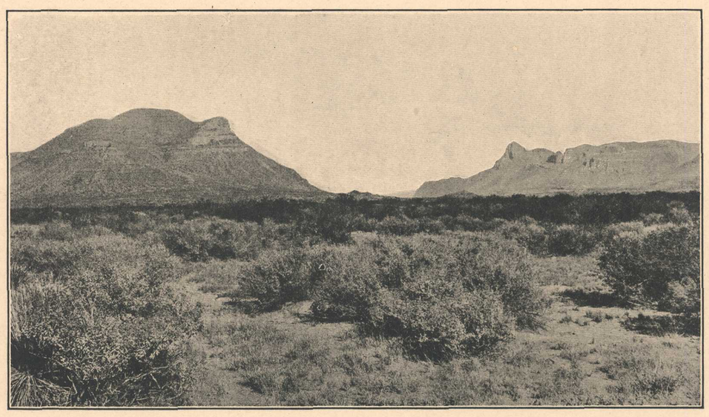

PLATE VIII.—THREEMILE MOUNTAIN (ON THE LEFT) SHOWING VAN HORN SANDSTONE OVERLAIN BY HUECO LIMESTONE.

Looking northwest. In the mountain at the right Van Horn sandstone is overlain by El Paso limestone.

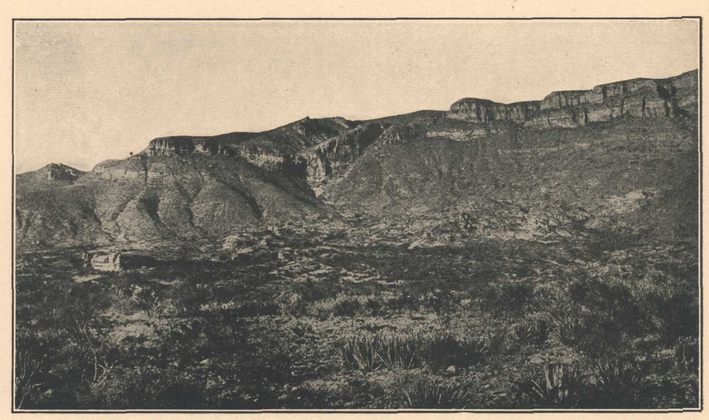

PLATE IX.—SMALL NORMAL FAULT IN SOUTHWEST FACE OF BEACH MOUNTAIN, 6 MILES NORTHWEST OF VAN HORN.

El Paso limestone and Van Horn sandstone offset by a fault in ravine in middle of view.