

C'

SOUTHEAST





Geophysical logs from Texas Energy and Natural Resources Advisory Council/Bureau of Economic Geology wells show the stratigraphic occurrence of deep lignite (200 to 240 ft (61 to 610 m)) in east-central Texas. Thick lignite seams (5 ft (1.5 m) or thicker) are found in the (a) upper Hooper Formation on the northeast, (b) lower Calvert Bluff Formation on the southwest, and (c) upper Calvert Bluff Formation on the northeast. Lateral continuity of individual lignite seams within the zones is neither implied nor true; wells were drilled in low-sand (foodbasin) areas between major-sand axes, which limit seam continuity. See plate 3 for location. Full-scale geophysical well logs are available from the Bureau of Economic Geology.

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PLATE 22. LIGNITE CROSS SECTION X-X'
1985

EXPLANATION

 Zone of thick lignite
(1 or more seams ≥ 5 ft [1.5 m])

333-343 ■ Cored interval

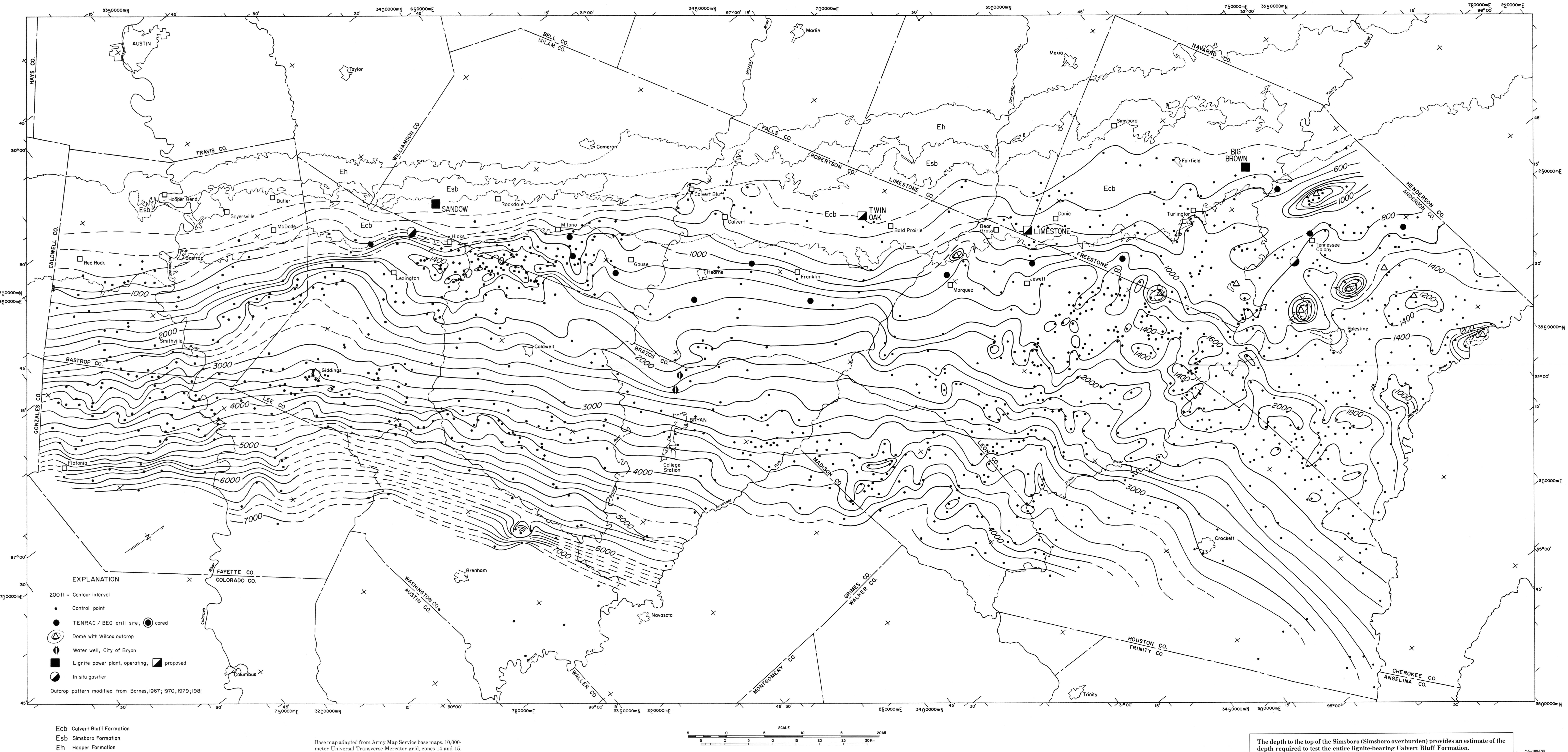


PLATE 28. SIMSBORO OVERBURDEN MAP

1985

The depth to the top of the Simsboro (Simsboro overburden) provides an estimate of the depth required to test the entire lignite-bearing Calvert Bluff Formation.

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