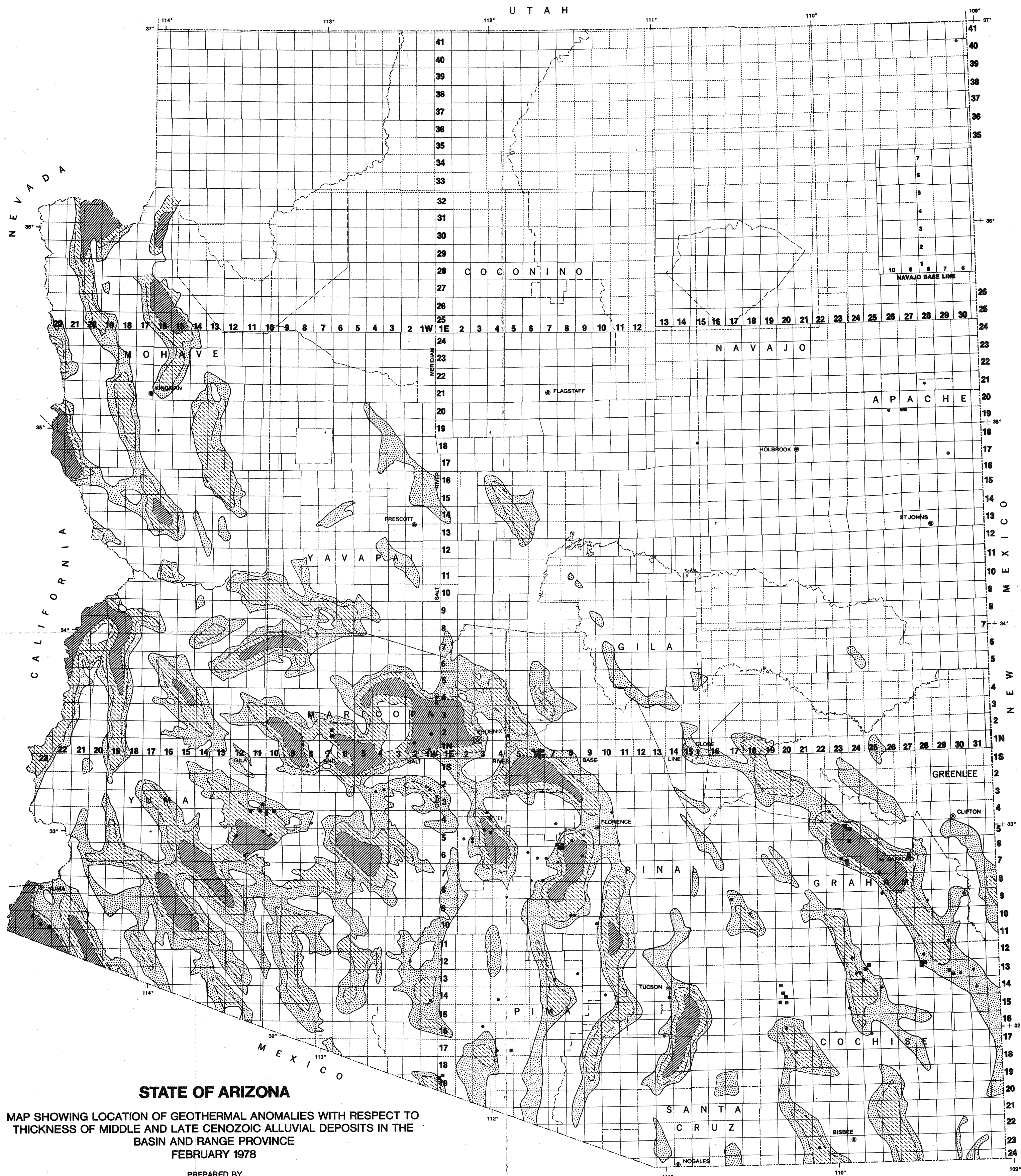


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JOHN BANNISTER, EXECUTIVE SECRETARY

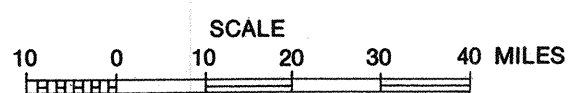
PLATE 1



### STATE OF ARIZONA

MAP SHOWING LOCATION OF GEOTHERMAL ANOMALIES WITH RESPECT TO THICKNESS OF MIDDLE AND LATE CENOZOIC ALLUVIAL DEPOSITS IN THE BASIN AND RANGE PROVINCE  
FEBRUARY 1978

PREPARED BY  
ARIZONA OIL AND GAS CONSERVATION COMMISSION



#### EXPLANATION

Geothermal anomalies — gradients  $\geq 60^\circ \text{C/km}$

- Multi-well control within a minimum radius of 2½ miles
- Single well control

Key to thickness patterns (from Cooley, 1967)

- 700-ft
- 1200-ft
- 2000-ft

U.S. GEOLOGICAL SURVEY BASE, 1974  
LAMBERT CONFORMAL PROJECTION  
STANDARD PARALLELS 33° and 45°

Cooley, M. E., 1967, Thickness and distribution of mid- and late-Cenozoic alluvial deposits: unpublished map, U.S. Geol. Survey, Water Resources Div., Tucson, Ariz.

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