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ARIZONA OIL AND GAS CONSERVATION COMMISSION
WILLIAM E. ALLEN, EXECUTIVE SECRETARY

06-16
O&GCC MAP G-13
sheet 1

EXPOSED BEDROCK

ALLUVIUM

EXPOSED FAULT — dashed where location uncertain but inferred in published and unpublished reports and maps

U Upthrown side

D Downthrown side

THRUST FAULT — sawteeth on upper plate

FOLD

Syncline

Anticline

POSSIBLE FAULT-CONTROLLED LINEAR — interpreted from NASA high-altitude photography

CONCEALED SUBSURFACE FAULT — represents major displacements along high angle normal faults resulting from Basin and Range orogeny. Fault symbol along margins of deepest grabens invariably reflect a zone of several stepped faults. Position inferred primarily from published and unpublished gravity surveys, supported locally by: seismic and aeromagnetic data; related or inferred surface geologic structural control; analysis of geomorphic landforms; and aerial photo interpretation

GEOPHYSICAL PROFILE

6000 INFERRED DEPTH (ft) OF BASEMENT ROCK — calculated from two dimensional gravity modeling, utilizing assumed or sampled density contrast values for overburden. Subsurface interpretations usually presented in reference cited

NOTE: Tertiary sedimentary rock and silicic volcanic rocks are characterized by densities similar to compacted valley-fill alluvium. Strata above geophysical basement therefore includes these units where present in basins

8000 Depth of Quaternary/Tertiary basin-fill along Seismic reflection profiles

-160 BOUGUER GRAVITY CONTOURS
Contour interval — 5 Milligals
(from West and Sumner, 1973)

2-18 O&GCC identification number
Drill hole

Outcrop pattern and base from County Geologic Series 3-1, -3, -4, -8, and -9: Arizona Bureau of Geology and Mineral Technology, University of Arizona, Tucson, Arizona

INDEX MAP OF ARIZONA

STRUCTURE MAP SOUTHEASTERN ARIZONA

Prepared by
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ARIZONA OIL AND GAS CONSERVATION COMMISSION
PHOENIX, ARIZONA
MAY 1979

SCALE
10 0 10 MILES

PUBLISHED AND FOR SALE BY ARIZONA OIL AND GAS CONSERVATION COMMISSION
1645 WEST JEFFERSON STREET, SUITE 420, PHOENIX, ARIZONA 85007

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