

EXPLANATION

- Domestic, stock, or unused well
- ⊙ Large supply or irrigation well having pump of 5-horsepower or more
- ⊕ Dry or destroyed well
- Spring, seep, or point of rising ground water in autumn 1959
- Well flowing in autumn 1959
- Well formerly flowing
- Spring dry in autumn 1959

1000
Water-level contour, autumn 1959. Dashed where control is imperfect; long dashes indicate position is interpolated; short dashes indicate position is inferred. Contour interval is 10, 25, 50, and 100 feet.

Arrows indicate direction of ground-water movement.

Approximate position of divide in autumn of 1959 between ground waters tributary to Tenequila Canyon and those no longer tributary to Tenequila Canyon.

Number of well or spring in altitude of water surface.

Line of geologic section.

EXPLANATION

- | | | | |
|--------------------------|-------|---|--------------|
| Recent | Qal | Younger alluvium | QUATERNARY |
| Pliocene and Pleistocene | Qol | Older continental deposits | QUATERNARY |
| | Qv | Volcanic rocks | TERTIARY |
| | bc(v) | Basement complex
Deeply weathered rocks, bc(v),
not everywhere differentiated | PRE-TERTIARY |

Geologic contact

Fault, dashed where position is inferred; dotted where concealed

1. To interpolate.--To insert intermediate terms in, as a series according to the law of the series; to calculate intermediate values of (a function) from observed values, according to some assumed law of change in value.
2. To infer.--To derive by reasoning or implication; to conclude from facts or premises; to accept or derive as a consequence, conclusion, or probability.

(Definitions of terms from Webster's New International Dictionary, second edition, unabridged, 1955)



1-V2-5D-C

SCALE 1:24000

117°19'