



EXPLANATION

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| | QUATERNARY |
| QI | Leona formation and alluvium, undifferentiated silt, sand, clay and gravel |
| Tu | Uvalde gravel
Silt and coarse gravel |
| | TERTIARY |
| Tc | Carrizo sand
Sand and sandstone, locally crossbedded |
| Ti | Indio formation
Thin-bedded clayey sandstone and shale |
| Tk | Kincaid formation
Clay, sandstone and limestone |
| TKI | Intrusive igneous rocks
Chiefly serpentine and basalt |
| Kes | Escudida formation
Sandstone, shale, clay and some limestone |
| | CRETACEOUS OR TERTIARY |
| Kan | Anacacho limestone
Limestone and bentonitic clay |
| Ka | Austin chalk
Chalk, marl and limestone |
| Kef | Eagle Ford shale
Flaggy limestone and carbonaceous shale |
| | CRETACEOUS |
| Kb | Buda limestone
Massive, fine-grained, calcite-veined limestone |
| Kg | Grayson shale
Mostly clay, thin limestone |
| Kgtke | Georgetown limestone, Kiamichi formation and Edwards limestone, undifferentiated. Hard, massive limestone and flaggy limestone, cherty. Some shale and dolomite. Principal aquifer. |
| Kcp | Comanche Peak limestone
Hard, nodular, light grey limestone, part of principal aquifer |
| Kg | Glenn Rose limestone
Alternating beds of limestone and marl |
| | CRETACEOUS |
| | <i>Onevent</i> |
| - - - - - | Contact, dashed where approximately located |
| - - - - - | Fault, dashed where approximately located
U, upthrown side;
D, downthrown side |
| ○ | Well with handpump, bucket, or bailer |
| ○ | Well with windmill or small power pump |
| ⊙ | Well with pumping plant; 5 horsepower or larger |
| ○ | Unused well |
| ⊙ | Oil or gas test |
| ⊙ | Spring |
| 15 | Line above number indicates chemical analysis is available |
| ⊙ | Stream-gaging station |
| ⊙ | Injection site |
| | For locations of additional wells in quadrangles H-4, H-5, H-7 and H-8, see Plate 2 |

SHOWING LOCATION OF WELLS AND SPRINGS