| Field | Formation & Zone | A<br>Drinking Water Aquifer Declaration | B[1]<br>Depth | C<br>Distance to Towns | C<br>Land Ownership | C<br>Alternate Water Source[2] | C<br>Unusual Geology | D<br>Formation TDS | E<br>Yield of Water |
|---|---|---|---|---|---|---|---|---|---|
| ackwells Corner | Tumey | is not a source | Fm. top: 1,473'<br>Deepest WW: N/A | 16 miles to Lost Hills | Agriculture | Small amt. of useable water in Bitter Water Canyon area, most domestic $H_2O$ shipped from T26S, R 22 & 23E to E. | truncated to NW by angular unconformity | 2,100-2,600 | <10% |
| Buena Vista | Tulare | is not a source | Fm. top: 538'<br>Deepest WW: 500' | <1 mile to Valley Acres<br>2 miles to Taft | Oilfield | All domestic water shipped from T-30S, R 23E - no water wells in use (1975E: Boron in zone is 11 ppm) | none | 9,200 | <12% |
| Kern Bluff | Kern River | is a source | Fm. top: 200'<br>Deepest WW: 1485' | 4 miles to Bakersfield | Oilfield | — | none | 400-900 | 12-14% |
| Kern Bluff | Vedder | is not a source | Fm. top: 4,607'<br>Deepest WW: 2125' | 4 miles to Bakersfield | Oilfield | — | NW-SE trending faults act as perm. barriers to NE | 7,800-16,100 | <14% |
| Kern Front | Santa Margarita | is not a source | Fm. top: 2,548'<br>Deepest WW: 1,613' | 7 miles to Bakersfield | Oilfield | — | N-S trending Kern Front fault acts as perm. barrier to E | 2,300 | 10-12% |
| Kern River | Chanac | is a source | Fm. top: 1,100'<br>Deepest WW: 1485' | 5½ miles to Bakersfield | Oilfield | Kern River | E-W trending China Grade fault acts as perm. barrier to S. | 238-925 | <14% |
| Kern River | Santa Margarita | is not a source | Fm. top: 1,698'±<br>Deepest WW: 1,613' | 5½ miles to Bakersfield | Oilfield | Kern River | same as Chanac | 600-2,600 | 10-14% |
| Kern River | Vedder | HYDROCARBON PRODUCING AS OF SEPT. 15, 1981 | | | | | | | |
| Mount Poso | Walker | is not a source | Fm. top: 1,939'+<br>Deepest WW: None | 17 miles to Bakersfield | Rangeland & Oilfield | No residential or commercial property in area. Individual ranches use bottled water or produced $H_2O$. | Highly faulted area - numerous perm. barriers in all direction | 2,800 | <8% |
| untain View | Kern River | is not a source | Fm. top: 2,680'<br>Deepest WW: 1,190' | <1 mile to Arvin | Agriculture | — | none | 4,660 | 14-16% |
| Pleito | Chanac & Kern River | Kern River is a source.<br>Chanac is not a source | Fm. top: 3,722'-2,756'<br>Deepest WW: 2,215' | 25 miles to Arvin<br>5 miles to Frazier Park | Rangeland & Oilfield | No residential property - Water wells in the area are located in flatlands to N and are north of White Wolf fa | E-W trending White Wolf fault acts as perm. barrier to S. | 7,900-11,800 | 12-14% |
| und Mountain | Olcese | is not a source | Fm. top: 450'<br>Deepest WW: 400' (1 well total) | 10 miles to Bakersfield | Rangeland & Oilfield | Same as Mt. Poso - only one water well in field. | Highly faulted area - numerous perm. barriers in all direction | 2,700 | <14% |
| und Mountain | Walker | is not a source | Fm. top: 2,300'<br>Deepest WW: None | 9 miles to Bakersfield | Rangeland & Oilfield | Same as Mt. Poso | Same as Olcese | 1,930 | <14% |
| Strand | Etchegoin | TDS OF ZONE GREATER THAN 10,000 ppm | | | | | | 14,190 | |

1 Water Well depth data obtained from Kern County Water Agency

2 Obtained from Kern County Water Agency

3 " " " " " " $\left( S.Y.(\%) = \frac{\text{volume of water the aquifer is capable of giving up}}{\text{total bulk volume of reservoir (including solids)}} \right)$