

EXPLANATION

2. 22 Depth to water (feet)
 3685 Altitude of water level (feet)
 Stock, domestic, or unused well
 R following depth to water indicates reported level; P indicates well being pumped at time depth to water measured. Separate number indicates number of wells at location. Datum is mean sea level.

2. 53 Depth to water (feet)
 4367 Altitude of water level (feet)
 Irrigation or public-supply well

Oil or gas test well

Spring
 Altitude of water level in feet

Surface-water gaging station

Water-table contour

Contours represent altitude of regional water table in rocks above San Andres Limestone. Wells in which water level is higher than contoured surface (listed below) probably tap perched water bodies; water levels below contoured surface (also listed below) are due either to incomplete recovery from pumping at time of measurement or to penetration of deeper aquifers containing water under lower head. Dashed where uncertain. Contour interval is 50 feet; datum is mean sea level.

Wells or springs that probably tap perched water bodies:

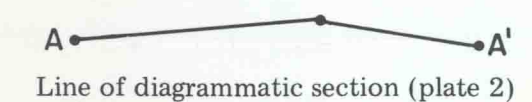
- | | |
|---------------|--------------|
| 1N.21.12.443 | 4N.26.5.412 |
| 1N.22.3.233 | 4N.26.8.414 |
| 1N.23.15.423 | 4N.26.12.412 |
| 2N.24.24.331 | 4N.26.14.414 |
| 2N.24.27.240 | 4N.26.16.344 |
| 2N.25.18.343 | 4N.26.21.112 |
| 2N.25.18.343A | 4N.26.21.421 |
| 2N.25.25.122 | 4N.26.22.142 |
| 2N.25.33.131 | 4N.26.28.242 |
| 3N.27.7.233 | 4N.26.34.121 |
| 3N.27.7.242 | 4N.27.7.314 |
| 4N.25.11.133 | 4N.27.18.112 |
| 4N.25.14.413 | 5N.24.24.413 |
| 4N.25.23.441 | 1S.26.27.323 |
| 4N.25.36.123 | 1S.27.22.333 |
| 4N.25.36.232 | 1S.28.9.433 |
| 4N.26.1.231 | 2S.21.29.332 |
| 4N.26.4.322 | 3S.21.30.424 |
| 4N.26.4.322A | |

Wells that probably tap an aquifer containing water under lower head than that of the regional water table:

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|--------------|--------------|
| 1N.21.30.133 | 4N.22.26.143 |
| 2N.22.20.411 | 1S.21.12.413 |
| 3N.21.14.111 | 1S.27.15.244 |

Wells in which water level had not recovered from pumping level at time of measurement:

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|--------------|--------------|
| 1N.25.24.214 | 1S.26.21.334 |
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Boundary of Fort Sumner Underground Water Basin, declared May 7, 1964

Base map adapted from New Mexico State Highway Commission Planning Map, 1958.

WELL-LOCATION AND WATER-LEVEL CONTOUR MAP, DE BACA COUNTY, NEW MEXICO