

104°00' 50' 40' 30' 20' 10' 0' 10' 20' 30' 40' 50' 60' 70' 80' 90' 100' 110' 120' 130' 140' 150' 160' 170' 180'

R-Q-O-S-H-S-E-L-C-Q-U-Y

LEGEND

Source of Water

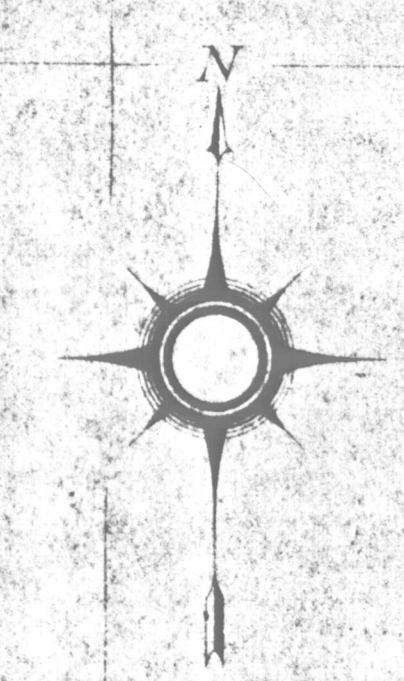
- Well
- Spring
- Location within section known
- Location within section not known

Chemical and Other Pertinent Data

- Hardness as CaCO₃ (ppm)
- Specific Conductance (microhm/cm at 25°C)
- Chloride (ppm)
- Sulfate (ppm)
- Depth of well (feet)
- Depth to water (feet)
- Water (feet)

Other

- Base map
- Topographic map
- Geologic map
- Hydrologic map
- Soil map
- Vegetation map
- Population map
- Transportation map
- Political map
- Historical map
- Religious map
- Education map
- Health map
- Recreation map
- Industry map
- Commerce map
- Finance map
- Insurance map
- Real Estate map
- Public Works map
- Utilities map
- Telecommunications map
- Energy map
- Environment map
- Law map
- Government map
- Military map
- Naval map
- Air Force map
- Army map
- Navy map
- Marine Corps map
- Civilian map
- Foreign map
- Domestic map
- World map
- Universe map



CHEMICAL QUALITY OF GROUND WATER

LEA COUNTY
NEW MEXICO

Compiled by the
U. S. Geological Survey
in cooperation with the
State Engineer of New Mexico
DECEMBER 1960

This map shows by means of selected chemical analyses, the general chemical quality of ground water in the county. The chemical analyses given are not tabulated on the map with respect to geologic formations, yielding water, all chemical analyses were made by the U. S. Geological Survey, where two or more analyses were available for the same location, only the unit, and the unit, or the most complete analysis is given.

EXPLANATION

Source of Water

- Well
- Spring
- Location within section known
- Location within section not known

Chemical and Other Pertinent Data

Hardness as CaCO₃ (ppm)

Specific Conductance (microhm/cm at 25°C)

Chloride (ppm)

Sulfate (ppm)

Depth of well (feet)

Depth to water (feet)

Water (feet)

Base map

Topographic map

Geologic map

Hydrologic map

Soil map

Vegetation map

Population map

Transportation map

Political map

Historical map

Religious map

Education map

Health map

Recreation map

Industry map

Commerce map

Finance map

Insurance map

Real Estate map

Public Works map

Utilities map

Telecommunications map

Energy map

Environment map

Law map

Government map

Military map

Naval map

Air Force map

Army map

Navy map

Marine Corps map

Civilian map

Foreign map

Domestic map

World map

Universe map

Data are ground-water source, if water symbol, otherwise, contour and depth of well are noted by their distance from their respective position in the group of data. Fluoride, boron, and nitrate (N) content, where more than 10 ppm, 0.10 ppm, and 0.10 ppm, respectively, are shown with appropriate symbols.

Base: General highway map of Lea County, New Mexico, New Mexico Highway Dept. 1941

