

## Geologic Cross Sections New Mexico Bureau Of Geology

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rocky outcrops and geologic cross sections by observing rock layers, recognizing geologic structures, and evaluating age relationships among the layers and structures. The so-called geologic time scale is a chart of named intervals of the geologic record and their ages in both relative and absolute time. It has taken

*Geologic Cross Sections New Mexico*

This color state geologic map, published in July 2003, is the first geologic map of New Mexico to be published at this scale since 1965. Close to 20 years in the making, this map reflects the collective efforts of geologists from throughout the state. Over 100 geologic units are represented.

*New Mexico Geological Society*

Geologic map and cross sections of the Embudo Fault Zone in the Southern Taos Valley, Taos County, New Mexico Open-File Report 584 By: Paul W. Bauer , Keith I. Kelson , V.J.S. Grauch , Benjamin J. Drenth , Peggy S. Johnson , Scott B. Aby , and Brigitte Felix

*Basin and Range Province - Wikipedia*

logic cross-section. siderably south of the present basin. The rifting extended north-ward to northern Lea County, New Mexico and was accompanied by right-lateral faulting along a north-northwest trend. Some vertical movements also may have taken place at this time as the western part of the basin probably formed an aulacogen.

*CS0008CD. Regional Structural Cross Sections, Mid-Permian ...*

Name applied to a dominantly sandstone sequence beneath the El Paso Limestone, from El Paso, Texas, westward to eastern Hidalgo County, New Mexico. To the west upper part becomes dolomitic. To the north of Bliss, Texas, formation contains oolitic hematite and thin carbonate units.

*Geologic map and cross sections of the Embudo Fault Zone ...*

Geologic map and cross sections of the Sapello River area, Sangre de Cristo Mountains, Mora and San Miguel counties, New Mexico

*CS0007D. Regional Stratigraphic Cross Sections, Upper ...*

Geology and Ground-Water Conditions in Southern Lea County, New Mexico by ALEXANDER

NICHOLSON, Jr. and ALFRID CLEBSCH, JR. UNITED STATES GEOLOGICAL SURVEY STATE BUREAU OF MINES AND MINERAL RESOURCES NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY  
CAMPUS STATION SOCORRO, NEW MEXICO

## *Stratigraphic Analysis of the*

The Colorado Plateau, also known as the Colorado Plateau Province, is a physiographic and desert region of the Intermontane Plateaus, roughly centered on the Four Corners region of the southwestern United States. This province covers an area of 336,700 km<sup>2</sup> (130,000 mi<sup>2</sup>) within western Colorado, northwestern New Mexico, southern and eastern Utah, and northern Arizona.

## *Capitan Reef Complex Structure and Stratigraphy*

GEOLOGIC SECTIONS OF THE GULF COASTAL PLAIN OF TEXAS By E.T. Baker, Jr. ... Stratigraphic Nomenclature and Geologic Sections of the Gulf Coastal Plain of Texas. Three of the strike sections, E-E', E'-E'', and E''-E''', are segments of a continuous section line extending about 540 mi from near the Texas-Mexico border to near the Texas-Louisiana ...

## *STRATIGRAPHIC NOMENCLATURE AND GEOLOGIC SECTIONS OF THE ...*

558 well logs, 13 cores, and 3 measured sections. Well control is plotted on the structure and isopach maps (pls. 1, 2), and the location of cores, measured sections, and cross sections is shown in figure 2. An index of well names and locations is on open file at the Bureau of Economic Geology, and the core and measured section

## *The geological cross-sections. Institut Cartogràfic i ...*

GEOLOGIC CROSS SECTIONS SPANNING THE LA BAJADA CONSTRICTION AND NORTHERN CERRILLOS UPLIFT, NEW MEXICO By David A. Sawyer, Scott A. Minor, V.J.S. Grauch, Brian D. Rodriguez, and Ren A. Thompson U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 1720 PLATE 6.

## *Geology 1: Lab Chapter 8*

An Overview of the Hydrogeology of Saline Ground Water in New Mexico Albuquerque Basin The Albuquerque Basin covers about 2,100 square miles (mi<sup>2</sup>) of central New Mexico (Fig.1) (Lozinsky and Hawley, 1992). Figure 3 shows geologic cross sections representative of the basin. The basin was formed by tectonic events in Pennsylvanian-Permian

## *Geologic Map of New Mexico - New Mexico Institute of ...*

Attached to this report are a location map, a preliminary geologic map and unit descriptions, tables of water wells and springs used in the study, and three detailed hydrogeologic cross sections shown at two different vertical scales. The locations of the cross sections are shown on the index map of the cross section sheet.

## *GEOLOGIC CROSS SECTIONS SPANNING THE LA BAJADA ...*

Capitan Reef Complex Structure and Stratigraphy Report by Allan Standen, P.G. Steve Finch, P.G. Randy Williams, P.G., Beronica Lee-Brand, P.G.

## *Geologic map and cross sections of the ... - New Mexico*

The cross-section network covers 22,000 square miles and was constructed by combining outcrop data with electric log data from 1,185 wells along 2,000 miles of cross sections to correlate about 20 limestone units.

## *The Rio Grande Rift: Albuquerque Basin*

A geological cross-section is a graphic representation of the intersection of the geological bodies in the subsurface with a vertical plane of a certain orientation. It is a section of the terrain where the different types of rocks, their constitution and internal structure and the geometric relationship between them are represented.

## *GEOLOGIC MAP AND CROSS-SECTIONS OF THE SILVER CITY RANGE ...*

Each geologic feature is interesting and significant on its own, however, one cannot truly understand the dynamic of the Rio Grande Rift through central New Mexico, unless all associated geologic features are taken into consideration. References. Albuquerque's Environmental Story: Educating for a Sustainable Community.

### *Colorado Plateau - Wikipedia*

The Basin and Range Province is a vast physiographic region covering much of the inland Western United States and northwestern Mexico. It is defined by unique basin and range topography, characterized by abrupt changes in elevation, alternating between narrow faulted mountain chains and flat arid valleys or basins.

### *Geologic cross sections and preliminary geologic map of ...*

GEOLOGIC MAP AND CROSS-SECTIONS OF THE . SILVER CITY RANGE, GRANT COUNTY, NEW MEXICO . BY . PETER COPELAND, MICHAEL A. MURPHY, AND WILLIAM R. DUPRÉ . Department of Earth and Atmospheric Science, University of Houston, Houston, TX . New Mexico Bureau of Geology and Mineral Resources, New Mexico Tech . Socorro, New Mexico 87801 . Open-file ...

### *AN OVERVIEW OF THE HYDROGEOLOGY OF SALINE GROUND WATER IN ...*

CS0008CD. Regional Structural Cross Sections, Mid-Permian to Quaternary Strata, Texas Panhandle and Eastern New Mexico: Distribution of Evaporites and Areas of Evaporite Dissolution and Collapse, by D. A. McGookey, T. C. Gustavson, and A. D. Hoadley. 17 p., 6 figs., 1 table, 12 cross sections, 1988. This product is on CD-ROM. For a downloadable PDF, please order CS0008D.

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