

changes may not be shown due to recent development.

roads, or other man-made structures.

Cross sections are constructed based upon the interpretations of the author made from

geologic mapping, and available geophysical, and subsurface (drillhole) data. Cross sections

should be used as an aid to understanding the general geologic framework of the map area,

and not be the sole source of information for use in locating or designing wells, buildings,

The New Mexico Bureau of Geology and Mineral Resources created the Open-file Geologic

Map Series to expedite dissemination of these geologic maps and map data to the public as

rapidly as possible while allowing for map revision as geologists continued to work in map

areas. Each map sheet carries the original date of publication below the map as well as the

latest revision date in the upper right corner. In most cases, the original date of publication

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are produced, maintained, and updated in an ArcGIS geodatabase, at the time of the

STATEMAP deliverable, each map goes through cartographic production and internal

review prior to uploading to the Internet. Even if additional updates are carried out on the

ArcGIS map data files, citations to these maps should reflect this original publication date and the original authors listed. The views and conclusions contained in these map

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NEW MEXICO BUREAU OF GEOLOGY AND MINERAL RESOURCES A DIVISION OF NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY

Magnetic Declination April, 2007 8° 51' East At Map Center

Quadrangle Location

New Mexico Bureau of Geology and Mineral Resources

New Mexico Tech

801 Leroy Place

Socorro, New Mexico

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This and other STATEMAP quadrangles are available

for free download in both PDF and ArcGIS formats at:

http://geoinfo.nmt.edu

Digital layout and cartography by the NMBGMR Map Production Group: Phil L. Miller, Amy L. Dunn, and Katherine J. Sauer Open-File Geologic Map 176

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Geologic Map of the Thimble Canyon 7.5-

Minute Quadrangle, Chaves County, New

Mexico

May 2009

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Geologist, Dr. J. Michael Timmons; Assoc. Director for Mapping Programs).

