

EXPLANATION

- Contours on the minimum depth surface
- Mapped extent of the contiguous Santa Fe Group
- Major drainages
- Major roads

Santa Fe Group Thickness

Point Data

- Well data (1)
- Well data (2)
- Well data (3)
- Geologic cross sections (4)
- Wells on cross sections (4)
- Geophysical model (5)

- (1) P. Johnson, written communication, 2004
- (2) J.W. Hawley, written communication, 2000
- (3) Read and others, 1999
- (4) Koning and Hallett, 2001
- (5) Grauch and Bankey, 2003

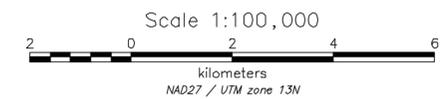


Plate 2. Minimum depth surface used in the Euler analysis

THICKNESS OF SANTA FE GROUP SEDIMENTS IN THE ESPAÑOLA BASIN SOUTH OF SANTA FE, NEW MEXICO, AS ESTIMATED FROM AEROMAGNETIC DATA

By
Jeffrey D. Phillips and V.J.S. Grauch
2004

Open-File Reports are used for the dissemination of information that must be released immediately to fill a public need or for information that is not sufficiently refined to warrant formal publication. As such, Open-File Reports should not be viewed as final reports of major scientific investigations. Because of their preliminary nature and possibility of being superseded, Open-File Reports do not introduce new or revised geologic, stratigraphic, hydrologic, or taxonomic nomenclature. In particular, Article 4(a) of the North American Stratigraphic Code excludes open-file releases for the naming or revising of formal geologic units.