

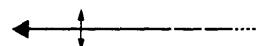
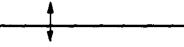
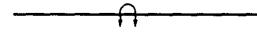
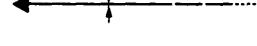
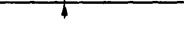
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE MOGOLLON QUADRANGLE,
CATRON COUNTY, NEW MEXICO

By James C. Ratte'

GEOLOGIC QUADRANGLE MAP
Published by the U.S. Geological Survey, 1981

GEOLOGIC MAP SYMBOLS
COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY
(Special symbols are shown in explanation)

.....	Contact—Dashed where approximately located; short dashed where inferred; dotted where concealed
	Contact—Showing dip; well exposed at triangle
.....	Fault—Dashed where approximately located; short dashed where inferred; dotted where concealed
	Fault, showing dip—Ball and bar on downthrown side
.....	Normal fault—Hachured on downthrown side
.....	Fault—Showing relative horizontal movement
.....	Thrust fault—Sawteeth on upper plate
	Anticline—Showing direction of plunge; dashed where approximately located; dotted where concealed
	Asymmetric anticline—Short arrow indicates steeper limb
	Overturned anticline—Showing direction of dip of limbs
	Syncline—Showing direction of plunge; dashed where approximately located; dotted where concealed
	Asymmetric syncline—Short arrow indicates steeper limb
	Overturned syncline—Showing direction of dip of limbs
	Monocline—Showing direction of plunge of axis
	Minor anticline—Showing plunge of axis
	Minor syncline—Showing plunge of axis

Strike and dip of beds—Ball indicates top of beds known from sedimentary structures

 Inclined  Horizontal
 Vertical  Overturned

Strike and dip of foliation

 Inclined  Vertical  Horizontal

Strike and dip of cleavage

 Inclined  Vertical  Horizontal

Bearing and plunge of lineation

 Inclined  Vertical  Horizontal

Strike and dip of joints

 Inclined  Vertical  Horizontal

Note: Planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.

Shafts

 Vertical  Inclined

Adit, tunnel, or slope

 Accessible  Inaccessible

Prospect

Quarry

 Active  Abandoned

Gravel pit

 Active  Abandoned

Oil wells

 Drilling	 Shut-in	 Dry hole,
 Gas	 Show of gas	abandoned
 Oil	 Show of oil	