

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

**GEOLOGIC MAP OF THE CASAMERO LAKE QUADRANGLE,
McKINLEY COUNTY, NEW MEXICO**

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GEOLOGIC QUADRANGLE MAP
Published by the U.S. Geological Survey, 1993

ROBERTSON—GEOLOGY, CASAMERO LAKE QUAD., NEW MEXICO

1:24,000

MAP GQ-1716

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

— \uparrow^{45} — Contact — Showing dip; well exposed at triangle

— — — — — Fault — Dashed where approximately located; short dashed where inferred; dotted where concealed

— \uparrow^{20} — 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

— $\rightarrow \rightarrow^{20}$ — Minor anticline — Showing plunge of axis

— $\leftarrow \leftarrow^{60}$ — Minor syncline — Showing plunge of axis

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

— \nearrow^{70} — Inclined \oplus Horizontal
— Vertical \searrow^{40} Overturned

Strike and dip of foliation

— \nearrow^{20} — Inclined \diamond Vertical \star Horizontal

Strike and dip of cleavage

— \nearrow^{15} — Inclined — Vertical \perp Horizontal

Bearing and plunge of lineation

— \nwarrow^{15} — Inclined \bullet Vertical \leftarrow Horizontal

Strike and dip of joints

— \nwarrow^{40} — Inclined \bullet Vertical \star 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

\rightarrow Accessible \rightarrow Inaccessible

\times Prospect

Quarry

\times Active \times Abandoned

Gravel pit

\times Active \times Abandoned

Oil well

\circ Drilling \diamond Shut-in \diamond Dry hole
 \otimes Gas \diamond Show of gas abandoned
 \bullet Oil \diamond Show of oil