

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

**GEOLOGIC MAP OF THE MAMMOTH QUADRANGLE,
KANAWHA AND CLAY COUNTIES, WEST VIRGINIA**

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GEOLOGIC QUADRANGLE MAP
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HENRY—GEOLOGIC MAP OF THE MAMMOTH QUADRANGLE, WEST VIRGINIA

1:24,000

MAP GQ-1576

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		Strike and dip of beds - Ball indicates top of beds known from sedimentary structures
	Contact - Showing dip; well exposed at triangle		Inclined
	Fault - Dashed where approximately located; short dashed where inferred; dotted where concealed		Vertical
	Fault, showing dip - Ball and bar on downthrown side		Horizontal
	Normal fault - Hachured on downthrown side		Inclined
	Fault - Showing relative horizontal movement		Vertical
	Thrust fault - Sawteeth on upper plate		Horizontal
	Anticline - Showing direction of plunge; dashed where approximately located; dotted where concealed		Inclined
	Asymmetric anticline - Short arrow indicates steeper limb		Vertical
	Overturned anticline - Showing direction of dip of limbs		Horizontal
	Syncline - Showing direction of plunge; dashed where approximately located; dotted where concealed		Inclined
	Asymmetric syncline - Short arrow indicates steeper limb		Vertical
	Overturned syncline - Showing direction of dip of limbs		Horizontal
	Monocline - Showing direction of plunge of axis		Active
	Minor anticline - Showing plunge of axis		Abandoned
	Minor syncline - Showing plunge of axis		Drilling
			Gas
			Oil
			Shut-in
			Show of gas
			Dry hole
			Show of oil

Shafts

Vertical Inclined

Adit, tunnel, or slope

Accessible Inaccessible

Prospect

Quarry

Active Abandoned

Gravel pit

Active Abandoned

Oil well

Drilling Shut-in Dry hole

Gas Show of gas abandoned

Oil Show of oil