GEOLOGIC MAP OF THE BUELL PARK QUADRANGLE, APACHE COUNTY, ARIZONA AND McKINLEY COUNTY, NEW MEXICO

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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	→ Vertical → Horizontal → Vertical → Overturned
	Fault — Dashed where approximately located; short dashed where inferred; dotted where concealed	Strike and dip of foliation 20 Inclined Vertical Horizontal Strike and dip of cleavage
	Fault, showing dip — Ball and bar on downthrown side	J5 Inclined → Vertical → Horizontal Bearing and plunge of lineation
	Normal fault – Hachured on downthrown side	¹⁵ Inclined ◆ Vertical ←→ Horizontal
	Fault - Showing relative horizontal movement	Strike and dip of joints Vertical Horizontal
	Thrust fault - Sawteeth on upper plate	Note: planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data
	Anticline — Showing direction of plunge; dashed where approximately located; dotted where concealed	observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.
	Asymmetric anticline - Short arrow indicates steeper limb	
<u> </u>	Overturned anticline – Showing direction of dip of limbs	Shafts Vertical Inclined
	Syncline - Showing direction of plunge; dashed where approximately located; dotted where concealed	Adit, tunnel, or slope → Accessible → Inaccessible
	Asymmetric syncline - Short arrow indicates steeper limb	x Prospect Quarry
	Overturned syncline — Showing direction of dip of limbs	☆ Active ☆ Abandoned Gravel pit
	Monocline — Showing direction of plunge of axis	★ Active ★ Abandoned Oil well
_ ⇒ •≈	Minor anticline – Showing plunge of axis	o Drilling
-← • ⁶⁰	Minor syncline – Showing plunge of axis	Oil