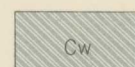




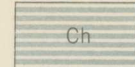
EXPLANATION

SEDIMENTARY ROCKS



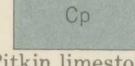
Winslow formation
(shale and massive and thin-bedded sandstone)

UNCONFORMITY



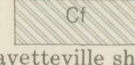
Hale formation
(black fissile shale, shaly and limy sandstone, and limestone lenses)

UNCONFORMITY

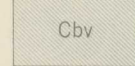


Pitkin limestone
(massive gray bituminous limestone)

UNCONFORMITY?



Fayetteville shale
(black fissile shale with limy concretions; thin-bedded limy sandstone, Wedington sandstone member, Cf, at top)



Batesville sandstone
(platy gray to buff sandstone and sandy limestone; locally dark-gray bituminous limestone (Hinds-ville) at base)

UNCONFORMITY



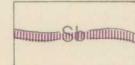
Boone formation
(massive gray crinoidal limestone and chert; thin-bedded reddish and gray limestone (St. Joe) near base; white to brown phosphatic sandstone at base)

UNCONFORMITY



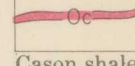
St. Clair limestone
(gray to flesh-colored limestone with calcite vugs)

UNCONFORMITY



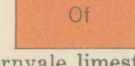
Brassfield limestone
(glauconitic gray, pink, or flesh-colored limestone with calcite vugs)

UNCONFORMITY



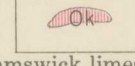
Cason shale
(greenish to blue-gray and black shale, phosphatic)

UNCONFORMITY



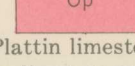
Fernvale limestone
(massive crystalline gray to pinkish limestone)

UNCONFORMITY



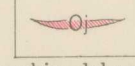
Kimmswick limestone
(porous gray fossiliferous basal sandstone, exposed at one locality 2 miles northeast of Mt. Hersey)

UNCONFORMITY



Platin limestone
(dense blue-gray limestone; some drab limestone and gray dolomite)

UNCONFORMITY



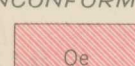
Joachim dolomite
(massive sandy dolomite; exposed at one locality 3 miles east of Rush)

UNCONFORMITY



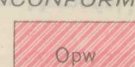
St. Peter sandstone
(massive saccharoidal sandstone, shaly and dolomite in middle)

UNCONFORMITY



Everton formation
(compact blue-gray limestone, dolomite, and sandstone; blue-gray Jasper limestone included at Pindall)

UNCONFORMITY

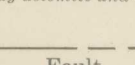


Powell dolomite
(compact gray argillaceous dolomite)

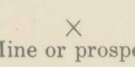
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Cotter and Jefferson City dolomites
(gray dolomite and chert)



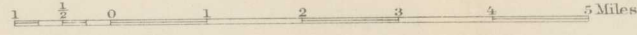
Fault
(line solid where location is certain, dashed where inferred)



Mine or prospect

GEOLOGIC MAP OF YELLVILLE QUADRANGLE, ARKANSAS

Scale 1:25,000



Contour interval 50 feet.

Datum is mean sea level.

1935

Geology by E. T. McKnight