



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Cross bedding in Hartshorne sandstone

LOCATION: A few miles Northeast of Clarksville, Johnson County

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXII



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Typical exposure at the black, fissile part of the Moorefield shale.

LOCATION: Near Marshall, Searcy County

NOTE: Ark. Geol. Survey--Bulletin 3, Plate XII



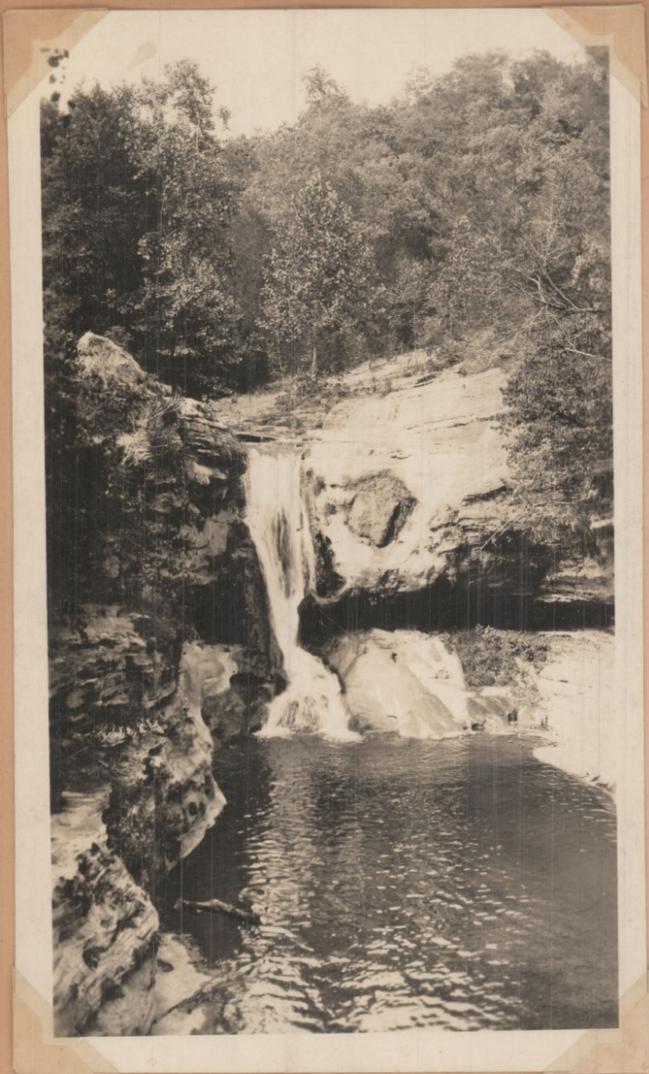
DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Cross bedding in one of the rare, sandy phases of the Spadra formation.

LOCATION: Near confluence of Spadra Creek with Arkansas River.

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXII



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Marble Falls, near Wilcockson, one of the larger waterfalls in the St. Peter sandstone.

LOCATION: Wilcockson, Newton County

NOTE: Ark. Geol. Survey, Bulletin 3, Plate IX

DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Minor fold in Atoka Sandstone, due in part to weathering, and in part, perhaps to expansion by heat.

LOCATION: Near Romance, White County

NOTE: Ark. Geol. Survey, Bulletin, 3, Plate XLII





DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Surficial anticline in Atoka sandstone.

LOCATION: A few miles north of Conway, Faulkner county.

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXVI



DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Typical surface forms produced by small stream in St. Peter Sandstone

LOCATION: Eight miles Southwest of Eureka Springs, Carroll County, about T-19-N, R-27-W.

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XII

DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Minor folding in thin-bedded shaly sandstone of Atoka formation near crest of Washburn Anticline.

LOCATION: East of Chismville, Logan County

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXIX



DATE TAKEN: NO.
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Section of small fault in road cut near crest of Knoxville anticline.

LOCATION: Near Knoxville, Johnson County.

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXV



DATE TAKEN: NO.
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Jumbled beds of Atoka shale, and distorted and broken beds of sandstone-near crest of Pine Ridge anticline

LOCATION: South of Paris, Logan County

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXVI



DATE TAKEN: NO.
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Crest of the Ranger anticline, showing fairly resistant, thin-bedded sandstone of the Atoka formation.

LOCATION: Southeast of Centerville, Yell County.

NOTE: Ark. Geol. Survey, Bulletin 3, Plate XXXVII



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Typical waffle-iron or trellis surface of Hartshorne sandstone on Ouita Ridge northwest of Russellville.

LOCATION:

NOTE: Ark. Geol. Survey, Bull. 3, pl. 31. 1930



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Dr. Hardiston and fossilized palm trunk, largest known, Petit Jean Mountain

LOCATION:

NOTE: From Col. John R. Fordyce, May 4, 1934



DATE TAKEN:
TAKEN BY:
SUBJECT: Geology

NO.

DESCRIPTION: Deep, symmetrical potholes carved in the Kings River sandstone near the headwaters of Big Clifty Creek. The holes were carved by a small stream using fragments of Boone chert
LOCATION: as cutting tools.

NOTE: Ark. Geol. Survey, Bull. 3, pl. 8, 1930

no. 1.



Photo by Alta Smith

DATE TAKEN:
TAKEN BY: Alta Smith
SUBJECT: Geology

NO.

DESCRIPTION: Hell's Half Acre, near
Hot Springs

LOCATION:

NOTE:

DATE TAKEN:
TAKEN BY: Alta Smith
SUBJECT: Geology

NO.

DESCRIPTION: Hell's Half Acre, near
Hot Springs

LOCATION:

NOTE:



no. 2.



Photo by Alta Smith

DATE TAKEN:
TAKEN BY: Alta Smith
SUBJECT: Geology

NO.

DESCRIPTION: Hell's Half Acre, near
Hot Springs

LOCATION:

NOTE:

McNabb



DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Arkadelphia clay near
 Fulton

LOCATION: _____

NOTE: _____

DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Arkadelphia clay near
 Arkadelphia.

LOCATION: _____

NOTE: _____



DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Nacatoch sand outcrop
 near McNabb

LOCATION: _____

NOTE: _____

DATE TAKEN: _____ NO. _____
 TAKEN BY: _____
 SUBJECT: Geology

DESCRIPTION: Nacatoch sand outcrop
 near McNabb

LOCATION: _____

NOTE: _____



DATE TAKEN: Oct, 1931 NO.
 TAKEN BY: Bryan Parks
 SUBJECT: Geology

DESCRIPTION: Gorge in Chamberlain
 Creek, metamorphosed shale

LOCATION:

NOTE:



DATE TAKEN: NO.
 TAKEN BY:
 SUBJECT: Geology

DESCRIPTION: Pothole in Hartshorne
 sandstone on crest of the eastern spur
 of Petit Jean Mountain, southwest of
 Morrilton.

LOCATION:

NOTE: Ark. Geol. Survey, Bull. 3,
 pl. 29, 1930



DATE TAKEN: NO.
 TAKEN BY:
 SUBJECT: Geology

DESCRIPTION: Irregularly bedded sand-
 stone and shale of the upper part of
 the Atoka formation east of Russell-
 ville. The dark layers are very car-
 bonaceous sandstones.

LOCATION:

NOTE: Ark. Geol. Survey, Bull. 3,
 pl. 23-B, 1930

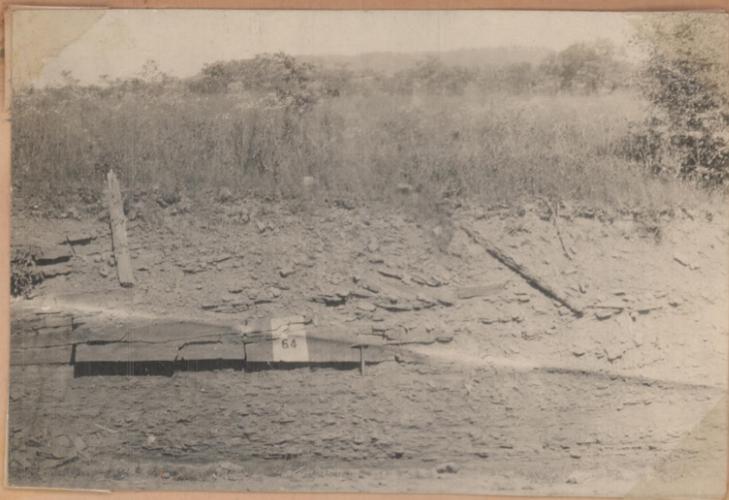


DATE TAKEN: NO.
 TAKEN BY:
 SUBJECT: Geology

DESCRIPTION: Carpet Rock, Petit Jean
 Mountain

LOCATION: On summit of Petit Jean Mt.
 Conway County, T. 6 N., 18 W.

NOTE:



DATE TAKEN: NO.
 TAKEN BY:
 SUBJECT: Geology

DESCRIPTION: Fort Smith formation as exposed in a road cut along Highway 64 southeast of Clarksville

LOCATION:

NOTE: Ark. Geol. Survey, Bull. 3, pl. 41, B, 1930



DATE TAKEN: NO.
 TAKEN BY:
 SUBJECT: Geology

DESCRIPTION: Typical Fourghe Mountain topography near Mena

LOCATION:

NOTE: Ark. Geol. Survey, Bull. 3, pl. 44, A, 1930



DATE TAKEN: Nov. 30, 1930 NO.
 TAKEN BY: Miser
 SUBJECT: Geology

DESCRIPTION: Calico Rock sandstone or St. Peter sandstone on Melborne-Sylamore road

LOCATION:

NOTE:



DATE TAKEN: NO. 346
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Red granite, eastern Oklahoma

LOCATION:

NOTE:



DATE TAKEN: NO. 343
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Upper Cretaceous formation, eastern Oklahoma

LOCATION:

NOTE:



DATE TAKEN: NO.
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Arkadelphia clay near Arkadelphia

LOCATION:

NOTE:



DATE TAKEN: NO. 345
TAKEN BY:
SUBJECT: Geology

DESCRIPTION: Scene in eastern Oklahoma

LOCATION:

NOTE: