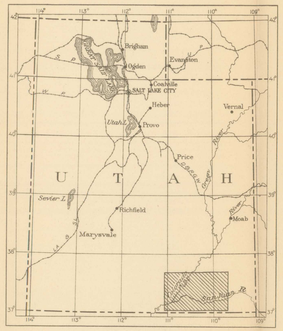

INDEX MAP

EXPLANATION

SEDIMENTARY ROCKS

JURASSIC

Sandstone

Gypsiferous and calcareous shale and sandstone

Navajo sandstone, Todilto(?) formation, and Wingate sandstone

UNCONFORMITY

TRIASSIC

Chinle formation

Shinarump conglomerate

UNCONFORMITY

Moenkopi formation

UNCONFORMITY

CARBONIFEROUS

Permian

Coconino sandstone

Supai(?) formation

Undifferentiated Moenkopi, Coconino, and Supai(?) formations.

Pennsylvanian

UNCONFORMITY

Goodridge formation

IGNEOUS ROCKS

Dikes and volcanic necks

Faults

Strike and dip of stratified rocks

Horizontal rocks

Axis of anticline

Axis of syncline

Wells drilled for oil. Numbers correspond to those in the text in Bulletin 751

N

NATURAL BRIDGES NATIONAL MONUMENT

White Canyon

TO BLUFF AND BLANDING

Red House Spring and ponds

Clay Hill Pass

ABANDONED ROAD TO HOLE-IN-THE-ROCK

CLAY HILLS

GRAND FLAT

Grand Gulch

POLLY MESA

Stickhorn Gulch

JUAN RIVER

SAN

ANTICLINE

SYNCLINE

MOONLIGHT

Moonlight Creek

ORGAN ROCK

Organ Rock

Train Rock

Cow Canyon

Cottonwood Wash

Butler Wash

Comb Wash

BLUFF RIDGE

NAVAJO TWINS

Bluff

Navajo Spring

Cedar Point

Mexican Hat

Code Spring

Goodridge (SPENCER TRADING POST)

Alhambra Rock

Douglas Camp

NAVAJO INDIAN RESERVATION

Monument Cr.

Gypsum Cr.

MITTEN BUTTE

RAPLEE ANTICLINE

CHINLE

Chinle Cr.

MULE EAR

BLUFF DAM SITE

SAN JUAN OIL FIELD

Cedar Mesa

Johns Canyon

Cowboy Hat (160' ABOVE RIVER)

Sulphur Spr.

THRUST FAULT

OIL SEEPS

R. 18 E.

R. 19 E.

R. 20 E.

T. 40 S.

T. 41 S.

T. 42 S.

T. 43 S.

MONUMENT VALLEY

TO MONUMENT VALLEY, OLJETO, ORGAN ROCK, AND KAYENTA

TO OLJETO, MONUMENT VALLEY, GOODRIDGE, AND KAYENTA

WATERPOCKET FOLD

KANE COUNTY

SAN JUAN COUNTY

BEDROCK DAM SITE

Natural Bridge

Escalante River

THE RINCON

OIL SEEP

Natural Bridge

ABANDONED ROAD TO ESCALANTE

HOLE-IN-THE-ROCK TRAIL

ABANDONED ROAD TO BLUFF AND CLAY HILL PASS

WILSON MESA

WILSON SYNCLINE

COLORADO RIVER

Natural Bridge

NAVAJO MTN. ANTICLINE

Wilson Creek

RAPID

Natural Bridge

TO HIGH COUNTRY

SYNCLINE

Spring

Sulphur Spring

Piute Creek

TRAIL TO NAVAJO MTN.

Indian Farms

LOWER CROSSING OF PIUTE CR.

Howe Canyon

GREEN BENCH

SPENCER CAMP

Springs

SPRING CANYON

Spring

Springs

Fish Creek

Spring

Springs

Clay Gulch

CLAY HILL CROSSING (NOT IN USE)

PIUTE TRAIL

Piute Creek

TRAIL BLOCKED BY LANDSLIDE IN 1921

Wetkai Creek

BALANCE ROCK

Copper Creek

Base west of Chinle Creek is mainly from the U.S. Geological Survey map of San Juan and Colorado rivers, Utah. Base east of Chinle Creek is from the Bureau of Reclamation map of the Bluff city reservoir.

Geology by H.D. Miser in 1921. The geologic mapping in and near the San Juan oil field is largely taken from map by E.G. Woodruff in U.S.G.S. Bulletin 471.

GEOLOGIC MAP OF THE SAN JUAN CANYON AND ADJACENT COUNTRY, IN SOUTHEASTERN UTAH

Scale 1/125,000

0 5 10 MILES