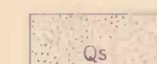


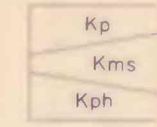
EXPLANATION
Symbol queried on map where identification uncertain



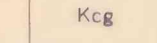
Surficial deposits



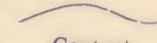
Menefee Formation



Point Lookout Sandstone and Mancos Shale
Kp, main body of Point Lookout Sandstone
Kms, Saton Tongue of Mancos Shale
Kph, Hosta Tongue of Point Lookout Sandstone

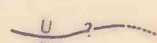


Gibson Coal Member
of the Crevasse Canyon Formation



Contact
Dashed where approximately located

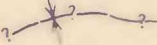
Trace of resistant or conspicuous bed within a formation



Fault
Dashed where approximately located; queried where probable; dotted where concealed. U, upthrown side; D, downthrown side

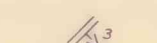


Anticline showing crest line and direction of plunge
Approximately located



Probable syncline

Linear feature
Geologic significance uncertain from photointerpretation



Strike and dip of beds
Computed by photogrammetric methods



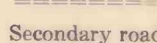
Approximate strike and dip of beds
Based on photointerpretation



Inferred strike and dip of beds
Based on photointerpretation of areas where bedding is obscure



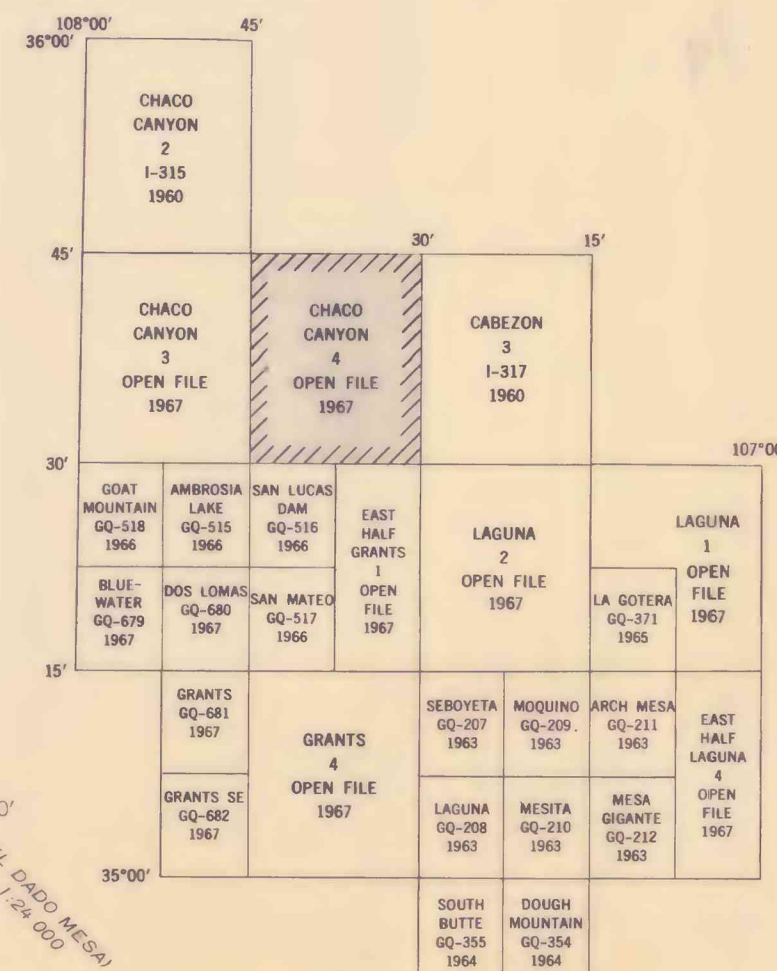
Horizontal beds



Secondary road



Intermittent pond

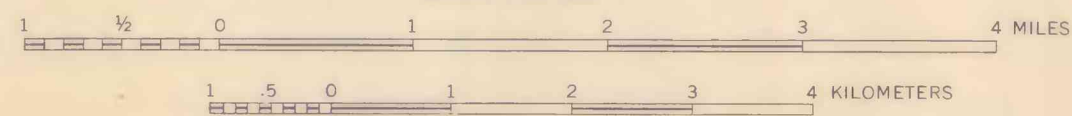


INDEX TO MAPS ISSUED BY THE U.S. GEOLOGICAL SURVEY
SHOWING SERIES DESIGNATION (GEOLOGIC QUADRANGLE
I, MISCELLANEOUS GEOLOGIC INVESTIGATIONS: OPEN FILE
AND DATE OF RELEASE

PHOTOGEOLOGIC MAP
OF THE
CHACO CANYON 4 QUADRANGLE
MC KINLEY COUNTY, NEW MEXICO

By
A. N. Kover

SCALE 1:62 500



Base modified from U.S. Army Map Service
Albuquerque, New Mexico, 1956.
Roads are classified as follows: Secondary roads are
traversable by four-wheel-drive vehicles and locally by
two-wheel-drive vehicles.
When other information is lacking roads are classified
by their appearance on aerial photographs



QUADRANGLE LOCATION

Geologic and geographic data from New Mexico School
Mines Bull. 9, 1933; U.S. Geol. Survey Bull. 860-B,
1936; New Mexico School Mines Bull. 18, 1942, and
U.S. Geol. Survey Misc. Geol. Inv. Map I-224, 1957
This map has been compiled mainly from photogeologic
data and has not been checked in the field.
Geologic photointerpretation from aerial photographs
taken in May 1954. Mapped in 1958