UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOS GIGANTES BUTTES QUADRANGLE

ARIZONA—APACHE CO.

15 MINUTE SERIES (TOPOGRAPHIC)

4157 (PASTORA PEAK)

4157 IV (TOH ATIN MESA)

4156 IV (YELLOWSTONE CANYON)

4157 II (REDROCK VALLEY)

4156 I (LUKACHUKAI)

109°30′ — 109°15′ — 36°45′ — 36°30′

635000m.E. — 655000m.N. — 4067000m.N. — 4041000m.N.

760 000 FEET — 2 090 000 FEET — 2 010 000 FEET — 700 000 FEET

ROCK POINT 11 MI. — RED ROCK 17 MI. — ROCK POINT 16 MI. — LUKACHUKAI 14 MI.

BM 5903 — BM 6019 — BM 6410 — BM 6490 — BM 6252 — BM 6189 — BM 6203 — BM 6251 — BM 6794 — BM 6481 — BM 5592 — BM 5379 — BM 5350

Vista VABM 6293 — Edge BM 5761 — Ore VABM 7075 — Dam

Ruin — Trading Post — Round Rock

Alcove Canyon — Carrizo Mountains — Cove Mesa — East Mesa — West Mesa — Mexican Cry Mesa — Lukachukai Mountains

Hasbidito Creek — Hasbidito Spr. — Aguas Sal Creek — Reservoir — DITCH

Los Gigantes Buttes

NAVAJO INDIAN RESERVATION

CHUSKA MOUNTAINS

Mapped, edited, and published by the Geological Survey

Control by USGS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1950. Advance field check 1953

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, east zone

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

UTM GRID AND 1953 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN — 0°58′ 17 MILS — 14½° 258 MILS

SCALE 1:62500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1967

USGS
Historical File
Topographic Division

ARIZONA
U.S.G.S.
QUADRANGLE LOCATION

FILE COPY
TOPOGRAPHIC DIVISION

LOS GIGANTES BUTTES, ARIZ.
N3630—W10915/15
1953
AMS 4157 III—SERIES V798

2510
JUN 1 1967

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST