UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

POINT OF PINES WEST QUADRANGLE
ARIZONA—GRAHAM CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4050 IV NW (NATANES MTS NW)
4050 I NW (SAWBUCK MTN.)
4050 IV NE (NATANES MTS. NE)
4050 IV SW (TULE TUBS)
4050 I SW (POINT OF PINES EAST)
4050 III (FT. THOMAS 1:62 500)
4050 II (FT. THOMAS) 1:62 500
4050 II (BRYCE MTN.) 1:62 500

109°52'30" 33°22'30" 109°45' 33°15'
50' 47'30" 17'30"
620 000 FEET 590 000 FEET
860 000 FEET 820 000 FEET
605 000m E. 616 000m E.
3693 000m N. 3680 000m N.

NATANES MOUNTAINS
NATANAES PLATEAU
SAN CARLOS INDIAN RESERVATION
ASH FLAT
BIG PRAIRIE
NANTAC RIM
Clover Creek
Turkey Creek
Point of Pines Creek
Point of Pines
Point of Pines Lake
SPILLWAY ELEV 6205
DRY LAKE
SPILLWAY ELEV. 6974
Lookout Tower 7436
Dry Lake
Point of Pines (BM 5922)
BLACK RIVER
MORENCI 33 MI.
SAN CARLOS 41 MI.
East Tule Well 5228
Arsenic Spring
Arsenic Cave
Arsenic Tubs
Spring
Cliff Dwelling BM 6238
Barlow Pass
Bull Spring Well 5487
Headquarters Tank
Bonita Creek
AQUEDUCT
BM 5069
BM 5070
BM 5079
BM 5058
BM 5059 WT
BM 5187
BM 5117
BM 5364
BM 5527
BM 5743
BM 6019
BM 6670
TRAIL
JEEP TRAIL
(JEEP)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 59 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence lines

Land lines have not been established in this area

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN
0°39' 12 MILS
13½° 240 MILS
UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - -

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

AUG 15 1980
1000
USGS
Historical File
Topographic Division

POINT OF PINES WEST, ARIZ.
N3315—W10945/7.5
1967

DMA 4050 IV SE—SERIES V898