UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLACK HILLS QUADRANGLE
ARIZONA–PIMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 SAN VICENTE 15' QUADRANGLE

(SANTA ROSA MTS) 3648 IV 1:62 500

3648 I (VACA HILLS 1:62 500)

(VACA HILLS) 3648 I 1:62 500

QUEENS WELL 1.6 MI.

SIL NAKYA 4.6 MI.

SAN IGNACIO RANCH 3 MI.

SCHUCHK 0.3 MI.

(HAIVANA NAKYA) 3648 II SW

(SIL NAKYA) 3648 III NE

(SAN IGNACIO RANCH) 3648 II NE

(COMOBABI) 3648 III SE

(PAN TAK) 3648 II SE

111°45′ 42′30″ 37′30″ 32°15′ 12′30″ 10′ 32°07′30″

580 000 FEET 560 000 FEET 450 000 FEET 410 000 FEET

R6E R7E T 13 S T 14 S T 15 S

VACA HILLS
Sil Nákya Hills
P A P A G O
I N D I A N R E S E R V A T I O N
Coyote Field
BLACK HILLS
Wash
Aneyan
Water Tank
Corral
Well
Borrow Pit
Proctor Hill
BM 2363
BM 2415
BM 2260
BM 2332
BM 2171

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1975. Map edited 1979

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American datum

To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 64 meters east as shown by dashed corner ticks

Where omitted, land lines have not been established

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

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN MN 0°22′ 6 MILS 13° 231 MILS

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
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

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

BLACK HILLS, ARIZ.
NW/4 SAN VICENTE 15' QUADRANGLE
N3207.5—W11137.5/7.5

1979

DMA 3648 II NW—SERIES V898