UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GRAYS WELL NE QUADRANGLE
CALIFORNIA—ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)

3049 IV SW (CACTUS)

3049 I SW (ARAZ)

114°52′30″ — 32°45′ — 160 000 FEET (ARIZ.) — 702000m E. — 50′ — 704 — 3049 IV (OGILBY 1:62 500) — R. 20 E. — R. 21 E. — 706 — 47′30″ — 709 — 2 460 000 FEET (CALIF.) — 114°45′ — 32°45′

BM 196

42 MI. TO CALIF. 86 (EL CENTRO EXIT)
GORDONS WELL EXIT 6 MI.

ALL AMERICAN PRIVATE CANAL

I M P E R I A L S A N D D U N E S

S A N D R E C R E A T I O N L A N D S

S A N D H I L L S

P I L O T K N O B M E S A

BM 278

BM X 280

S P

WINTERHAVEN EXIT 6 MI.
YUMA EXIT, ARIZ. 8 MI.

Pilot Knob

T. 16 S.

3624000m N.

630 000 FEET (ARIZ.)

3624 — 210 000 FEET (CALIF.)

3623 — 3622 — 3621 — 3620 — 3619 — 3618 — 3617 — 3616 — 3615 — 3614 — 3613 — 3612

WC

R. 20 E. R. 21 E.

ALL AMERICAN PRIVATE CANAL 208 IMPERIAL CO

209

CALIFORNIA
BAJA CALIFORNIA NORTE

UNITED STATES
MEXICO

42′30″

3049 II NW (GRAYS WELL)

3049 II NW (YUMA WEST)

40′

COLORADO RIVER

Mile 18 — YUMA CO — 12TH ST — YUMA 11 MI. — 7 — 8 — 18 — 17 — 19 — 20 — 24 — 13TH STREET — MAIN — WEST — SOUTHERN PACIFIC — CANAL — RIVER — VALLEY — YUMA — Well — R 24 W — R 25 W — BM X 118 — PESCH. CANAL — 14TH ST — COCOPAH INDIAN RESERVATION — INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

Mile 16 — BAJA CALIFORNIA NORTE — COLORADO — ARIZONA — MEXICO — UNITED STATES

600 000 FEET (ARIZ.)

T. 9 S.

3613000m N.

170 000 FEET (CALIF.)

32°37′30″ — 114°52′30″ — 700 — 701 — 2 430 000 FEET (CALIF.) — 703 — 50′ — 704 — 705 (GADSDEN) 3049 III SE — 706 — 707 — 47′30″ — 708 — GADSDEN 8.3 MI. — 709000m E. — 190 000 FEET (ARIZ.) — 114°45′ — 32°37′30″

(SOMERTON) 3049 II SW

Mapped, edited, and published by the Geological Survey
in cooperation with the State of California

Control by USGS, NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1948 and planetable surveys 1953. Revised from aerial photographs taken 1962. Field checked 1964

Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zone 6, and Arizona coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
To place on the predicted North American Datum 1983, move the projection lines 5 meters south and 73 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN — MN — 1°11′ 21 MILS — 13½° 240 MILS

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

240

SCALE 1:24 000

1 — ½ — 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 5-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

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Unimproved dirt
Interstate Route — U.S. Route

CALIF — QUADRANGLE LOCATION

USGS
Historical File
Topographic Division

MAR - 5 1980

Revisions shown in purple and woodland compiled from aerial photographs taken 1976 and other source data
This information not field checked. Map edited 1979

GRAYS WELL NE, CALIF.—ARIZ.
N3237.5—W11445/7.5

1964
PHOTOREVISED 1979
DMA 3049 III NE—SERIES V895

3450