



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS/NOAA, DMA, IBC AND DGG
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1961
FIELD CHECKED 1965
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED 1988. MAP EDITED 1990
PROJECTION TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR, ZONE 12
10,000 FOOT STATE GRID TICKS ARIZONA, CENTRAL AND WEST ZONES

UTM GRID DECLINATION 114 WEST
1990 MAGNETIC NORTH DECLINATION 12 EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (7 meters south and 69 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Where omitted, land lines have not been established
Public Land Survey System is shown as published in 1965 and verified or supplemented in 1988

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check.

Mexico portion copied from DGG 1:50,000-scale maps, Los Vidrios H12C82, and El Papalote H12A13, dated 1981

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET IN THE UNITED STATES
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
CONTOUR INTERVAL 20 METERS IN MEXICO
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS

To convert feet to meters multiply by .3048

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A FOLDER DESCRIBING U.S. TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE FROM USGS

QUADRANGLE LOCATION

1	2	3	1 Pinta Playa
2	3	4	2 Antelope Hills
3	4	5	3 North of Agua Dulce Mountains
4	5	6	4 Las Playas
5	6	7	5 Agua Dulce Mountains
6	7	8	6 West of Quitobacuito Spgs

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road
Unimproved Road
Trail
Interstate Route
U.S. Route
State Route
Mexico Route

O'NEILL HILLS, ARIZ.-SON.
PROVISIONAL EDITION 1990

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USGS MWD HISTORICAL MAP
APR 15 1991
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