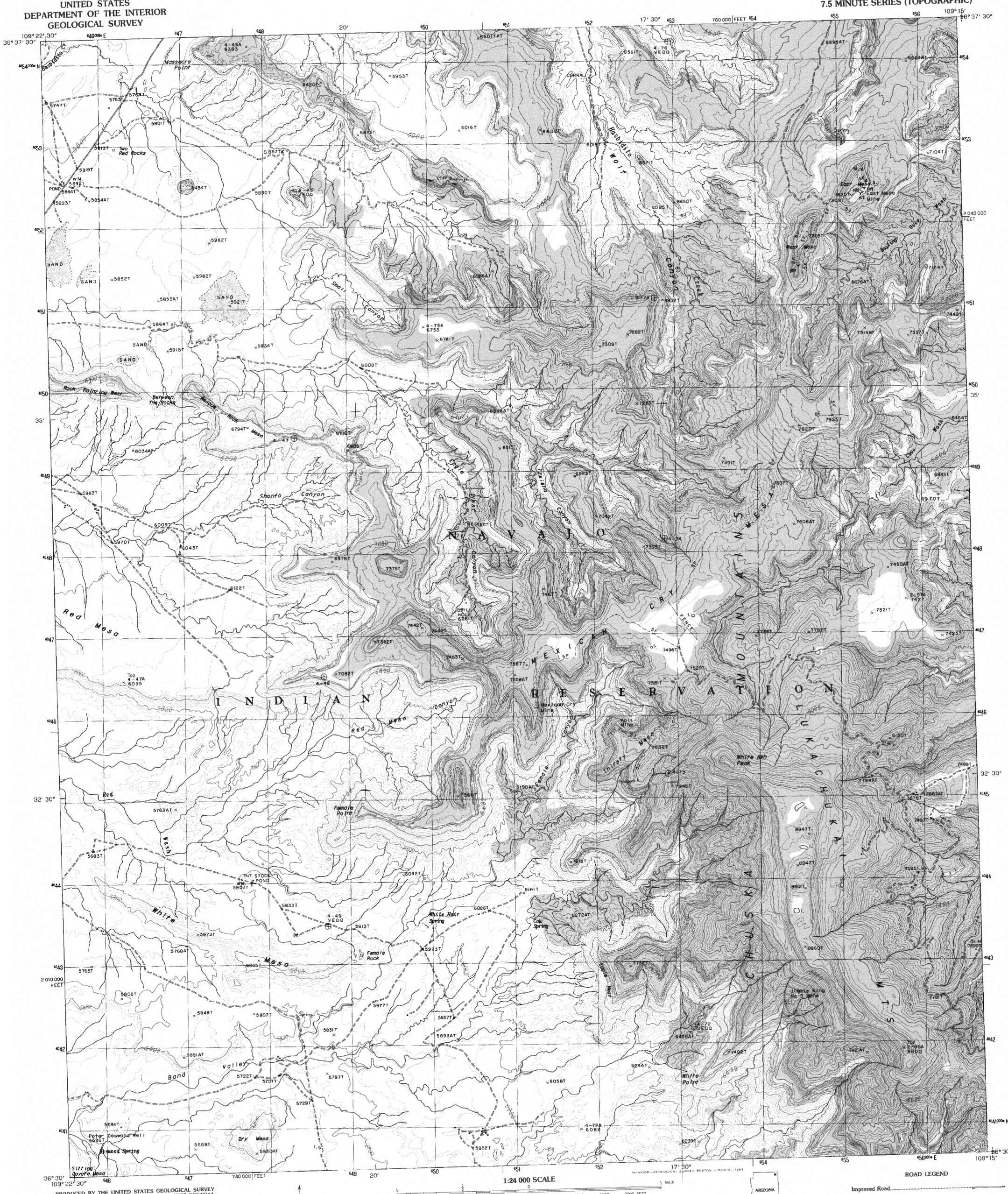
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MEXICAN CRY MESA QUADRANGLE
ARIZONA—APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ... ZONE 12
10,000-FOOT STATE GRID TICKS ..... ARIZONA, EAST ZONE
UTM GRID DECLINATION ..... 1°00' EAST
1980 MAGNETIC NORTH DECLINATION ..... 13° 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 (2 meters north /59 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Land lines have not been established in this area

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 3

1:24 000 SCALE

1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET

TO CONVERT FEET TO METERS MULTIPLY BY .3048
TO CONVERT METERS TO FEET MULTIPLY BY 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

ARIZONA

QUADRANGLE LOCATION

1	2	3	1 White Area Canyon 2 Kinusta Mesa 3 Boiling Over Well 4 Round Rock 5 Cove 6 Fire Dance Mesa 7 Bad Bug Butte 8 Lukachukai
4		5	
6	7	8	

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

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

MEXICAN CRY MESA, ARIZONA

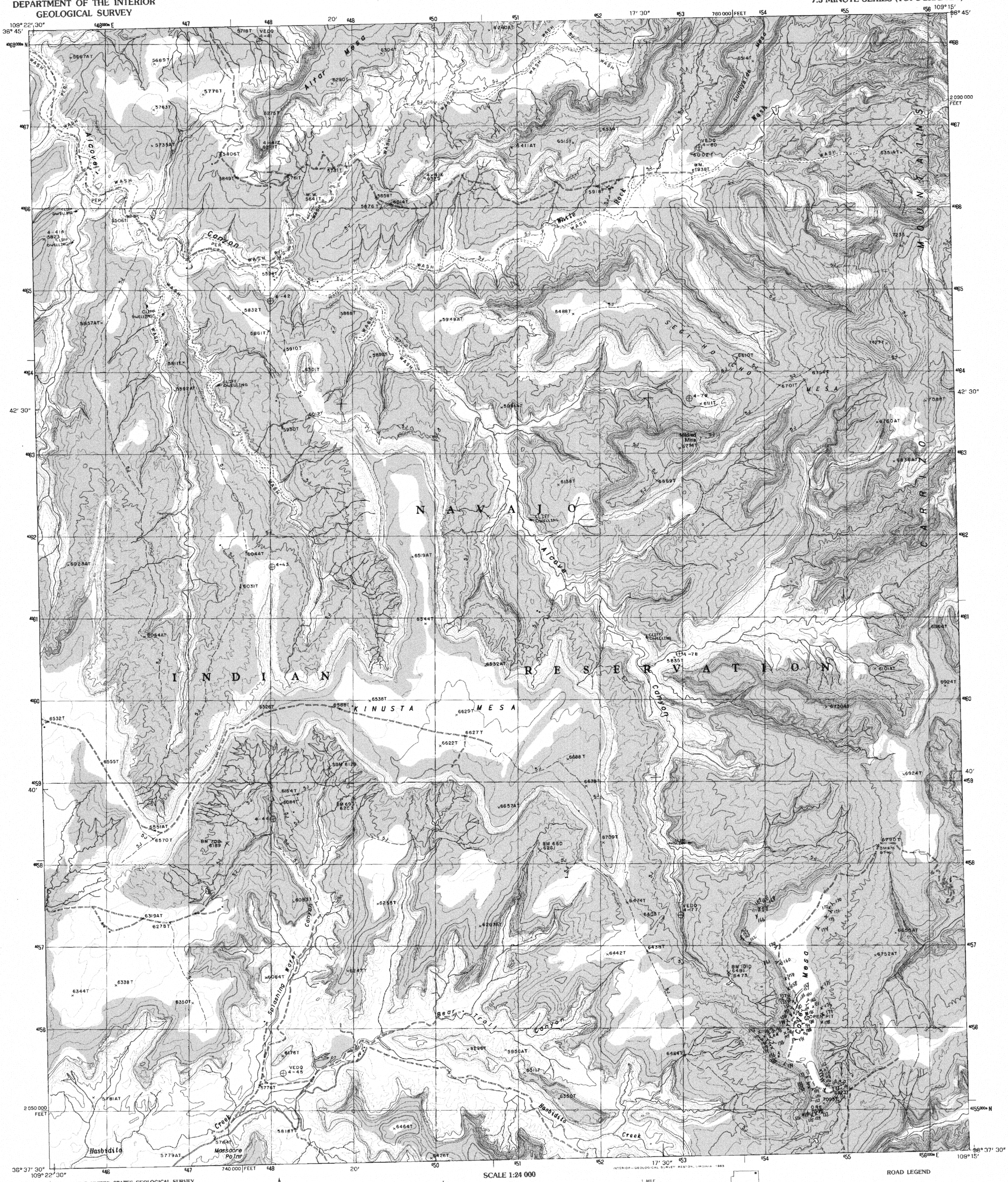
PROVISIONAL EDITION 1982

36109-E3-TF-024

RV-032

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KINUSTA MESA QUADRANGLE
ARIZONA—APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 12
10,000-FOOT STATE GRID TICKS ..... ARIZONA, EAST ZONE
UTM GRID DECLINATION ..... 1°00' EAST
1980 MAGNETIC NORTH DECLINATION ..... 13° EAST
VERTICAL DATUM ..NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

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Where omitted, land lines have not been established

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 3

SCALE 1:24 000

1 MILE — 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 40 FEET
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ARIZONA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Walker Butte
2 Toh Chin Lini Mesa
3 Pastora Peak
4 White Area Canyon
5 Boiling Over Well
6 Round Rock
7 Mexican Cry Mesa
8 Cove

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road
Unimproved Road
Trail

Interstate Route — U.S. Route — State Route

KINUSTA MESA, ARIZONA

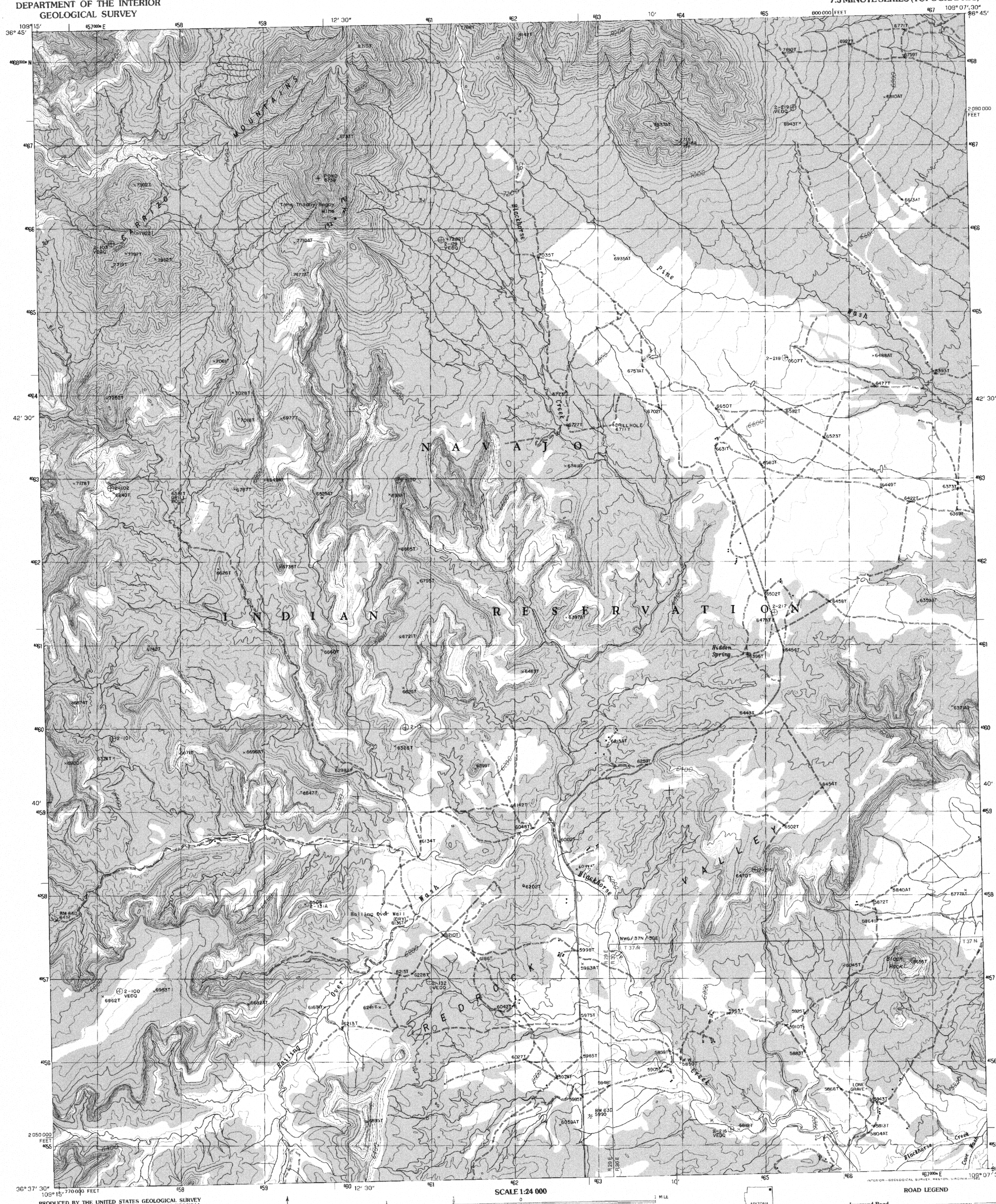
PROVISIONAL EDITION 1982

36109–F3–TF–024

RV-033

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOILING OVER WELL QUADRANGLE
ARIZONA—APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

CONTOUR INTERVAL 40 FEET

NORTH

ARIZONA

QUADRANGLE LOCATION

1	2	3	1 Toh Chin Lini Mesa 2 Pastora Peak 3 Bitlabito
4		5	4 Kinnita Mesa 5 Horse Mesa 6 Mexican Cry Mesa
6	7	8	7 Cove 8 Red Rock

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND

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

BOILING OVER WELL, ARIZONA
PROVISIONAL EDITION 1982
36109–F2–TF–024

RV-034

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 12
10,000-FOOT STATE GRID TICKS ..... ARIZONA, EAST ZONE
UTM GRID DECLINATION ..... 1°05′ EAST
1980 MAGNETIC NORTH DECLINATION ..... 13°00′ 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 2 meters north and 59 meters east

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

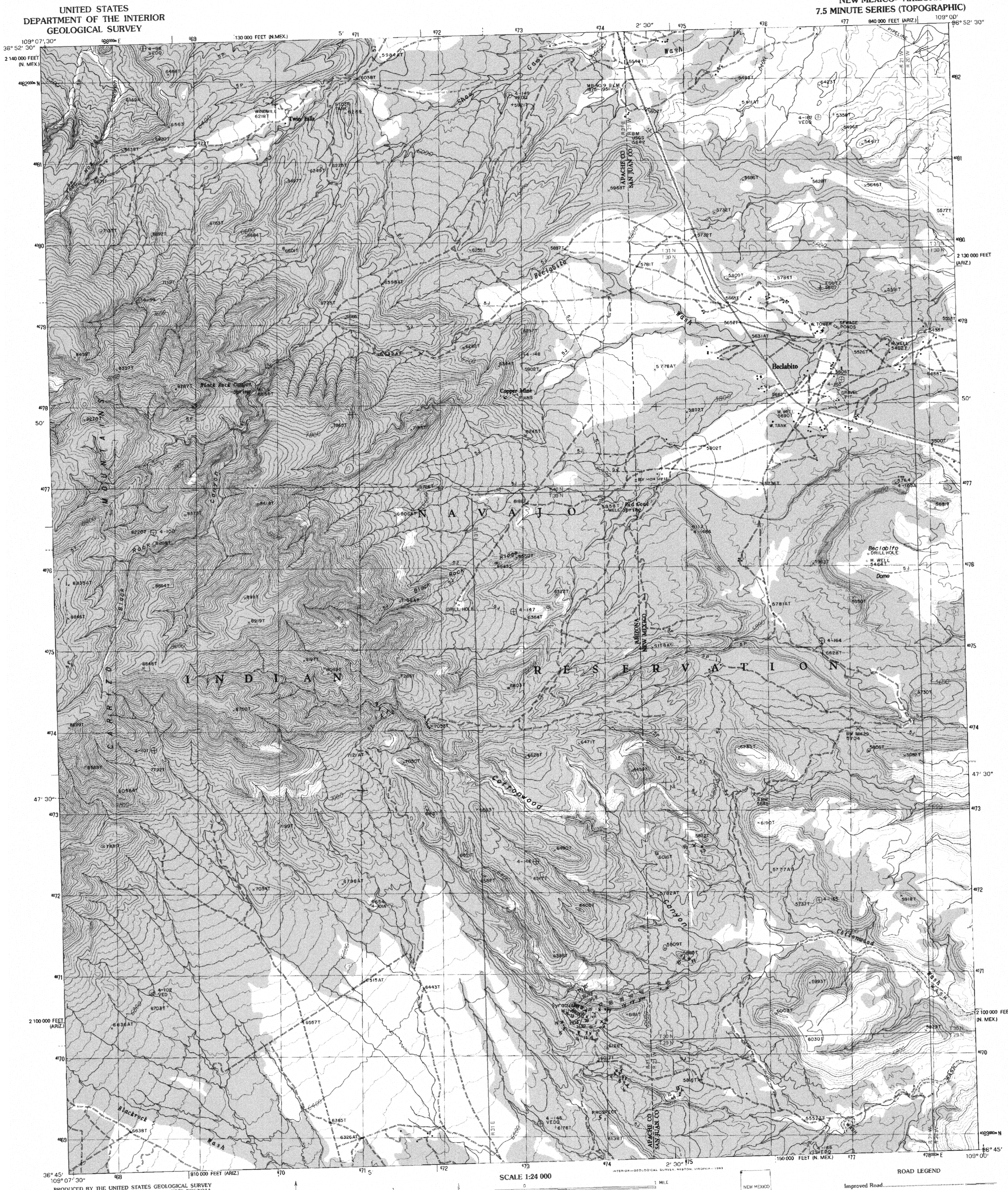
Where omitted, land lines have not been established

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BECLABITO QUADRANGLE
NEW MEXICO—ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978 MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ... ZONE 12
10,000-FOOT STATE GRID TICKS, ARIZ. EAST AND N. MEX. WEST ZONES
UTM GRID DECLINATION ..... 1°10′ EAST
1980 MAGNETIC NORTH DECLINATION ..... 13° 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 (2 meters north/59 meters east)
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NORTH

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

SCALE 1:24 000

1 MILE — 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 40 FEET
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

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FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

NEW MEXICO
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Cow Butte
2 Teec Nos Pos
3 Sallies Spring
4 Pastora Peak
5 Rocky Point
6 Boiling Over Well
7 Horse Mesa
8 Sand Spring

ADJOINING 7.5 QUADRANGLE NAMES

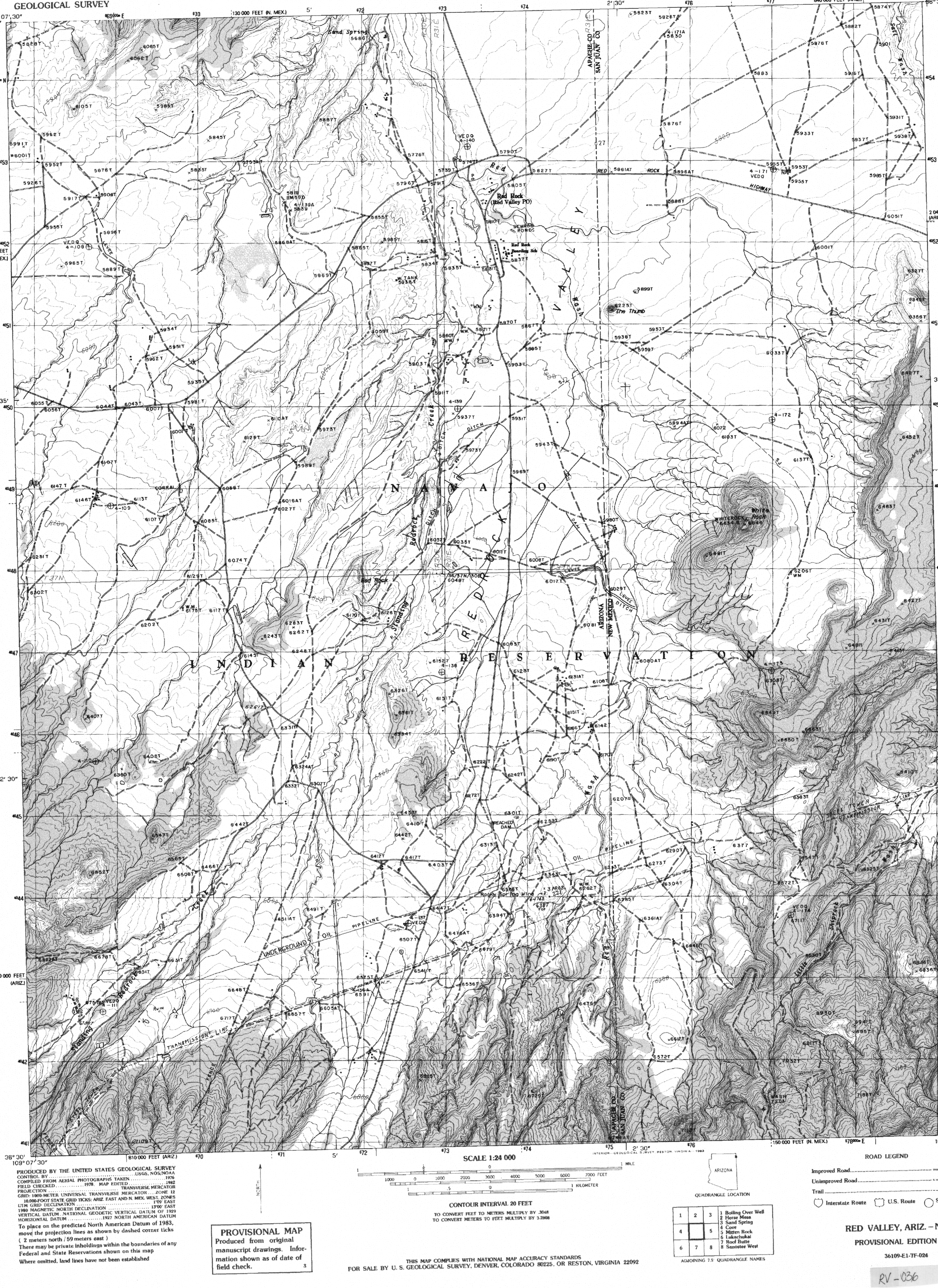
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route — U.S. Route — State Route

BECLABITO, N. MEX.—ARIZ.
PROVISIONAL EDITION 1982
36109–G1–TF–024

RV-035

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RED VALLEY QUADRANGLE
ARIZONA–NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY .... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED .... 1978. MAP EDITED 1982
PROJECTION .... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR .... ZONE 12
10,000-FOOT STATE GRID TICKS: ARIZ. EAST AND N. MEX. WEST, ZONES
UTM GRID DECLINATION .... 1°09′ EAST
1980 MAGNETIC NORTH DECLINATION .... 13°00′ EAST
VERTICAL DATUM .. NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM .... 1927 NORTH AMERICAN DATUM

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NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 3

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

TO CONVERT FEET TO METERS MULTIPLY BY .3048
TO CONVERT METERS TO FEET MULTIPLY BY 3.2808

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ARIZONA

QUADRANGLE LOCATION

1	2	3	1 Boiling Over Well 2 Horse Mesa 3 Sand Spring 4 Cove 5 Mitten Rock 6 Lukachukai 7 Roof Butte 8 Sanostee West
4		5	
6	7	8	

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND

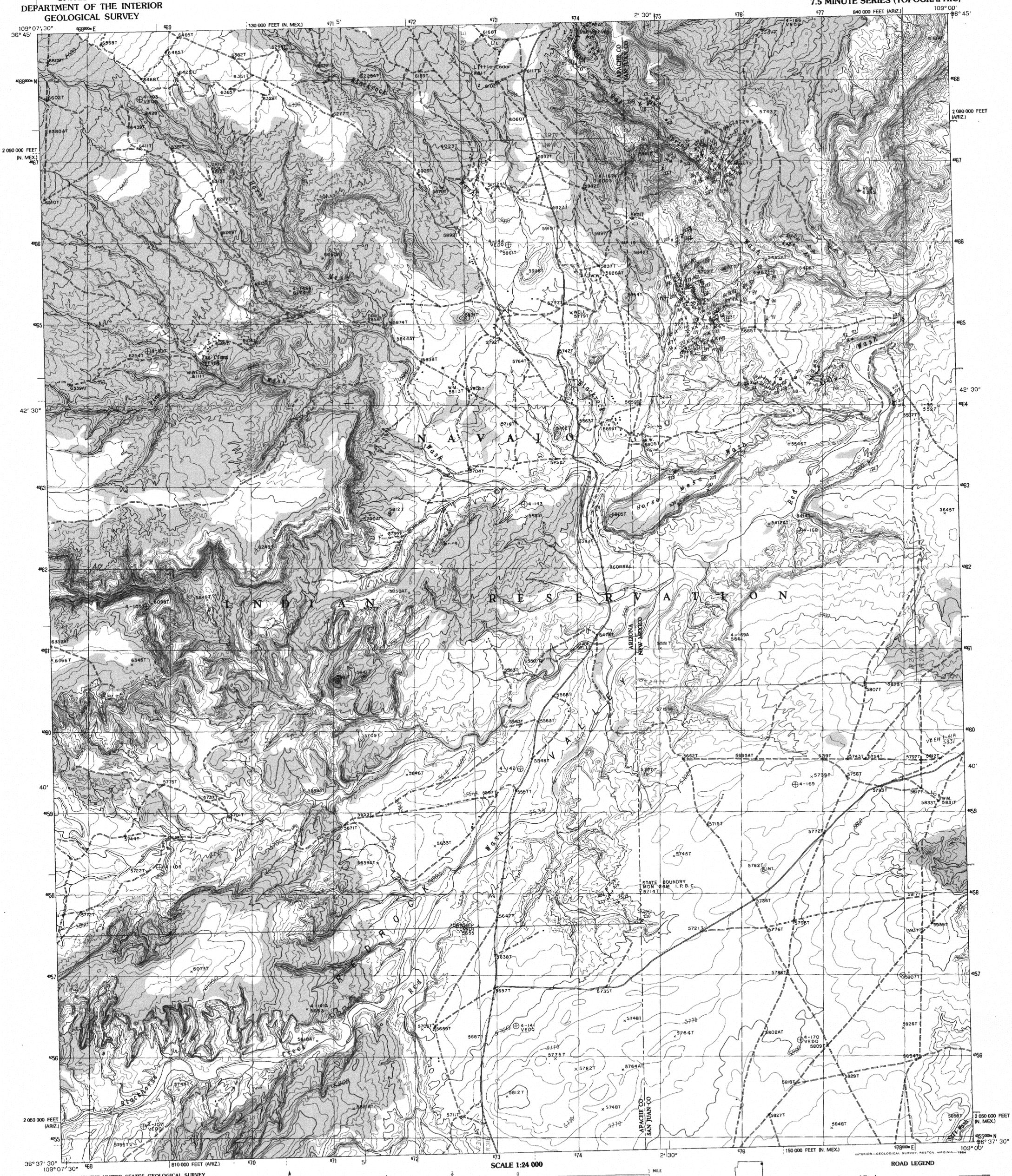
Improved Road ....
Unimproved Road ....
Trail ....
Interstate Route U.S. Route State Route

RED VALLEY, ARIZ.–N. MEX.
PROVISIONAL EDITION 1982
36109-E1-TF-024

RV-036

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HORSE MESA QUADRANGLE
ARIZONA—NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)



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GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ... ZONE 12
10,000-FOOT STATE GRID: ARIZ. EAST AND N. MEX. WEST, ZONES
UTM GRID DECLINATION ..... 1°09' EAST
1980 MAGNETIC NORTH DECLINATION ..... 13°00' EAST
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HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
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NORTH

PROVISIONAL MAP
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SCALE 1:24 000

1 MILE — 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ARIZONA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Pastora Peak
2 Bitiabito
3 Rocky Point
4 Boiling Over Well
5 Sand Spring
6 Cove
7 Red Rock
8 Mitten Rock

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

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

HORSE MESA, ARIZ.—N. MEX.
PROVISIONAL EDITION 1982
36109—F1—TF—024

RV-037

X = rim strips/pits
Y = adits/inclines
• = prospects
▽ = verticals