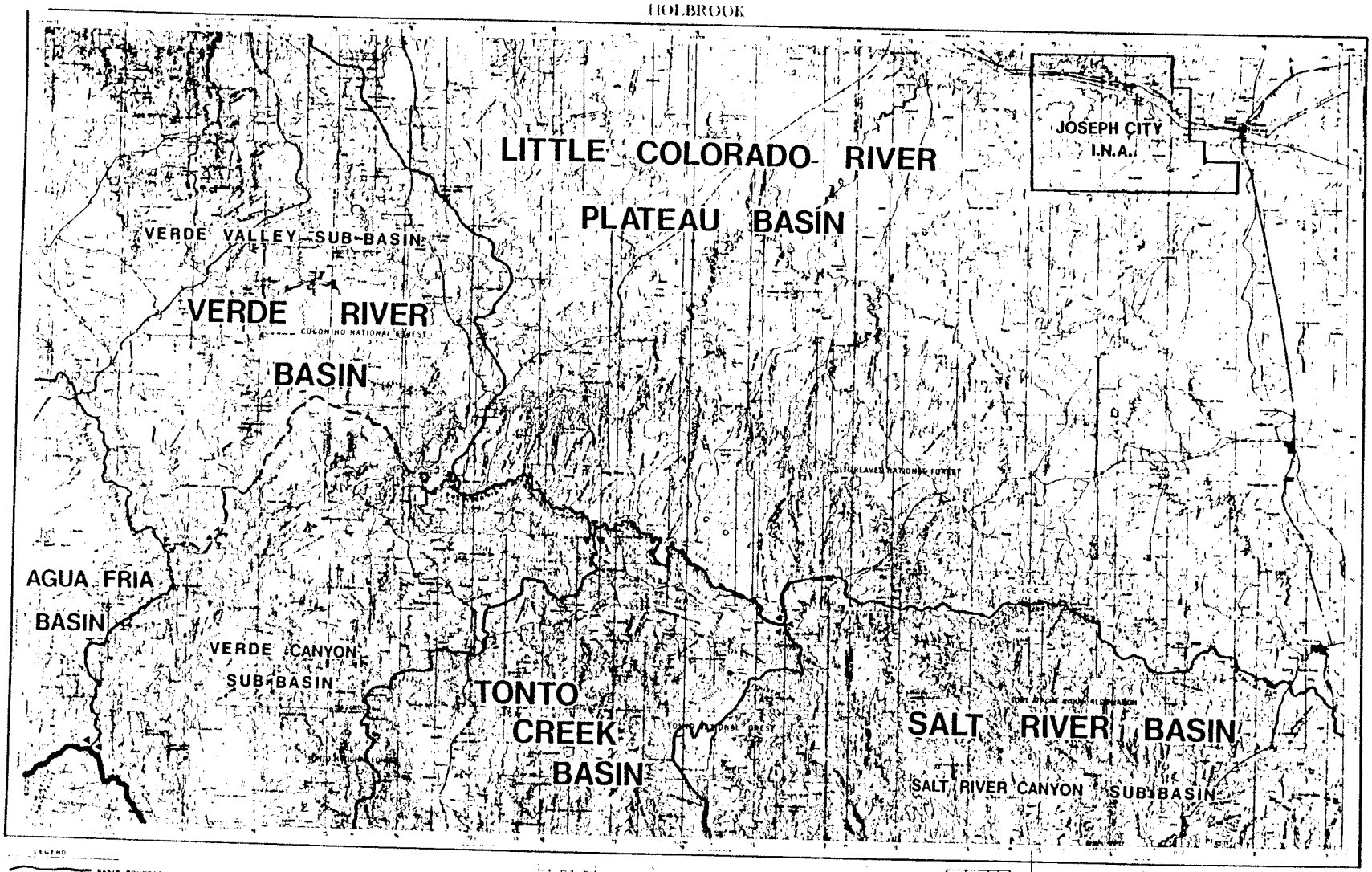
HOLBROOK




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.N.A. BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1° x 2°

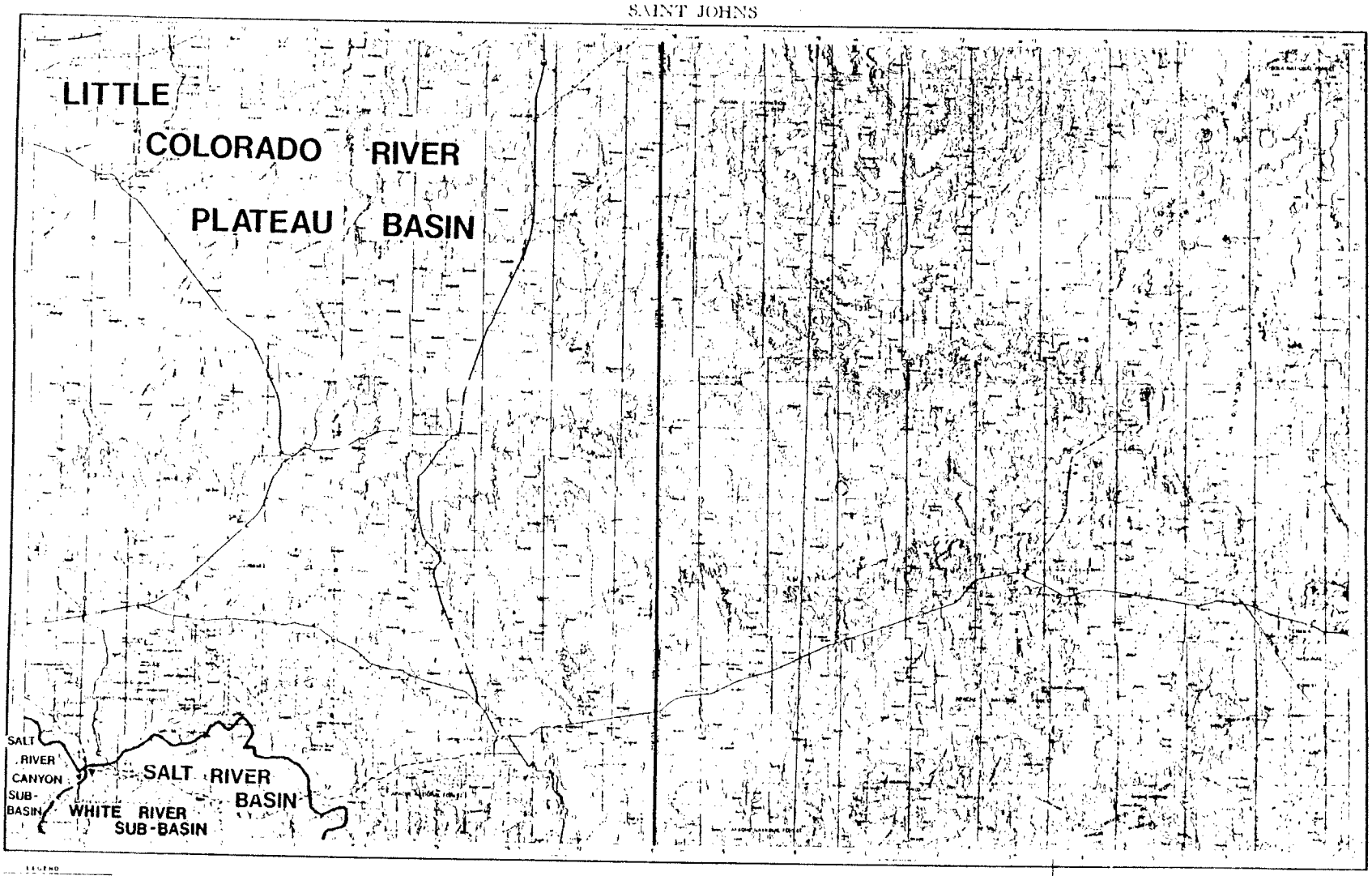
ORIGINAL SCALE 1:250,000

LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1982




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

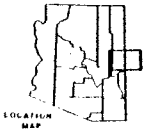
COUNTY LINE

I.N.A. BOUNDARY

▼ XXX - N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1" = 2"

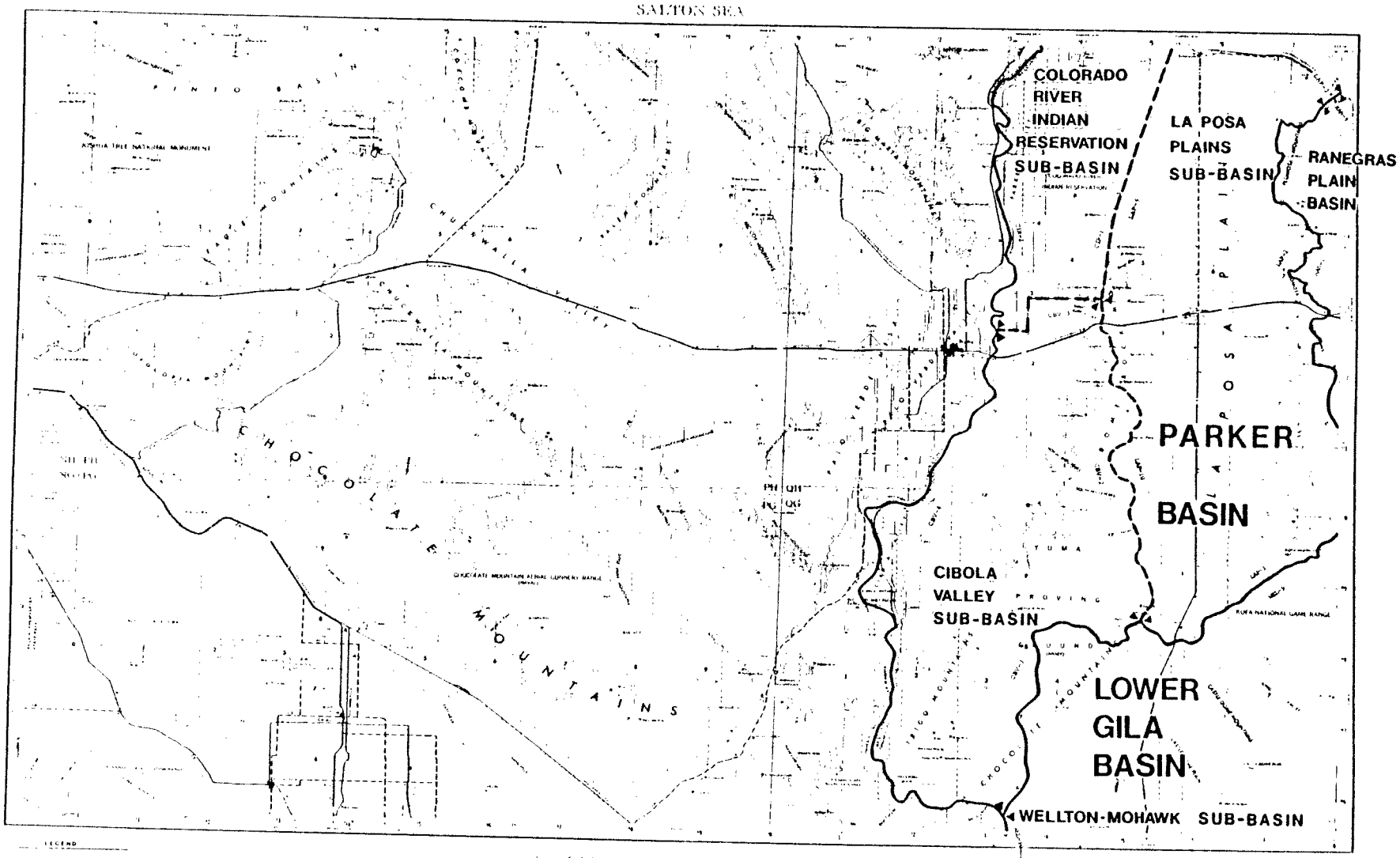
ORIGINAL SCALE 1 : 250,000




# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

AMA BOUNDARY

COUNTY LINE

INA BOUNDARY

▼ XXX - N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1° x 2°

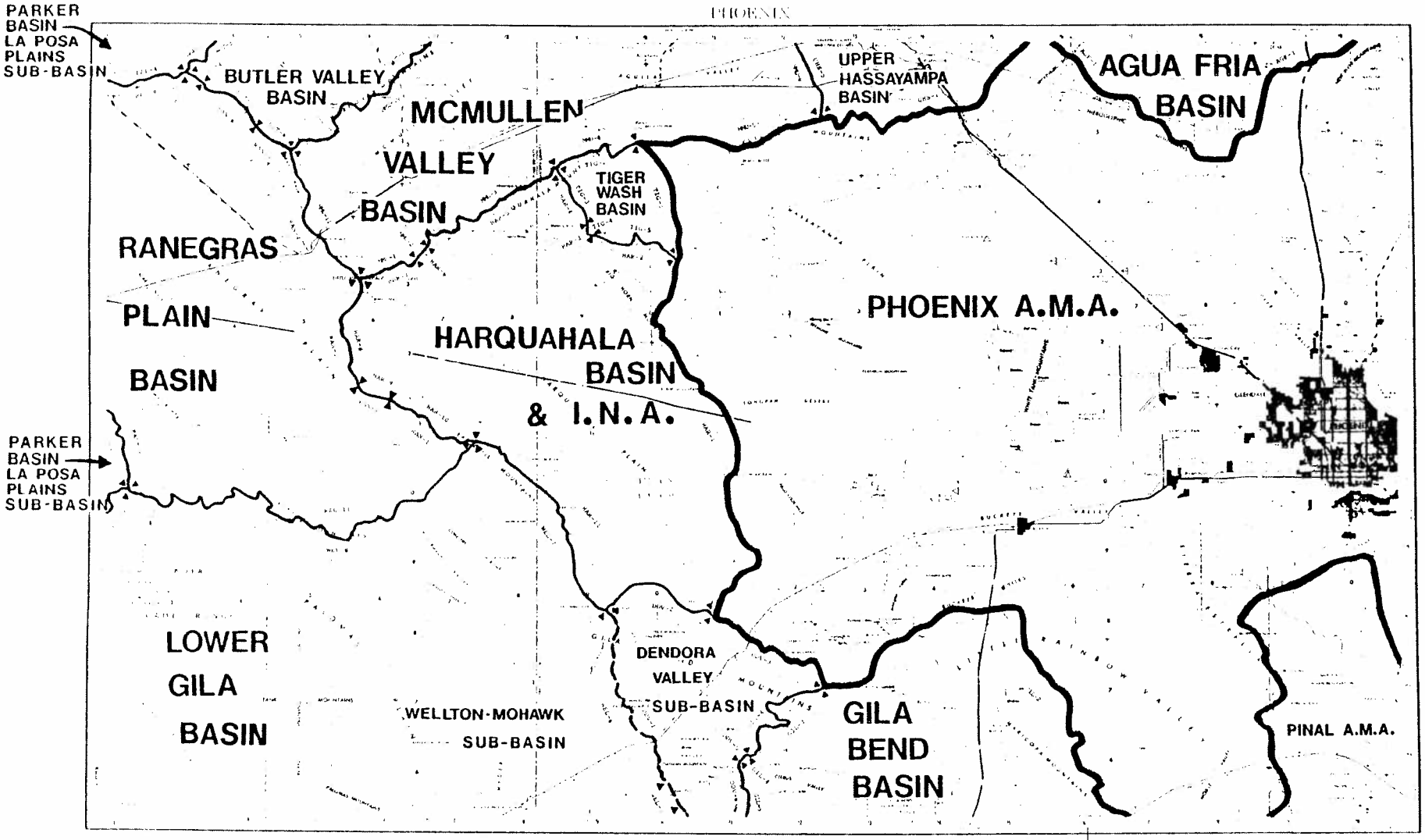
ORIGINAL SCALE 1:250,000

LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.N.A. BOUNDARY

▼ XXX - N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1° x 2°

ORIGINAL SCALE 1:250,000

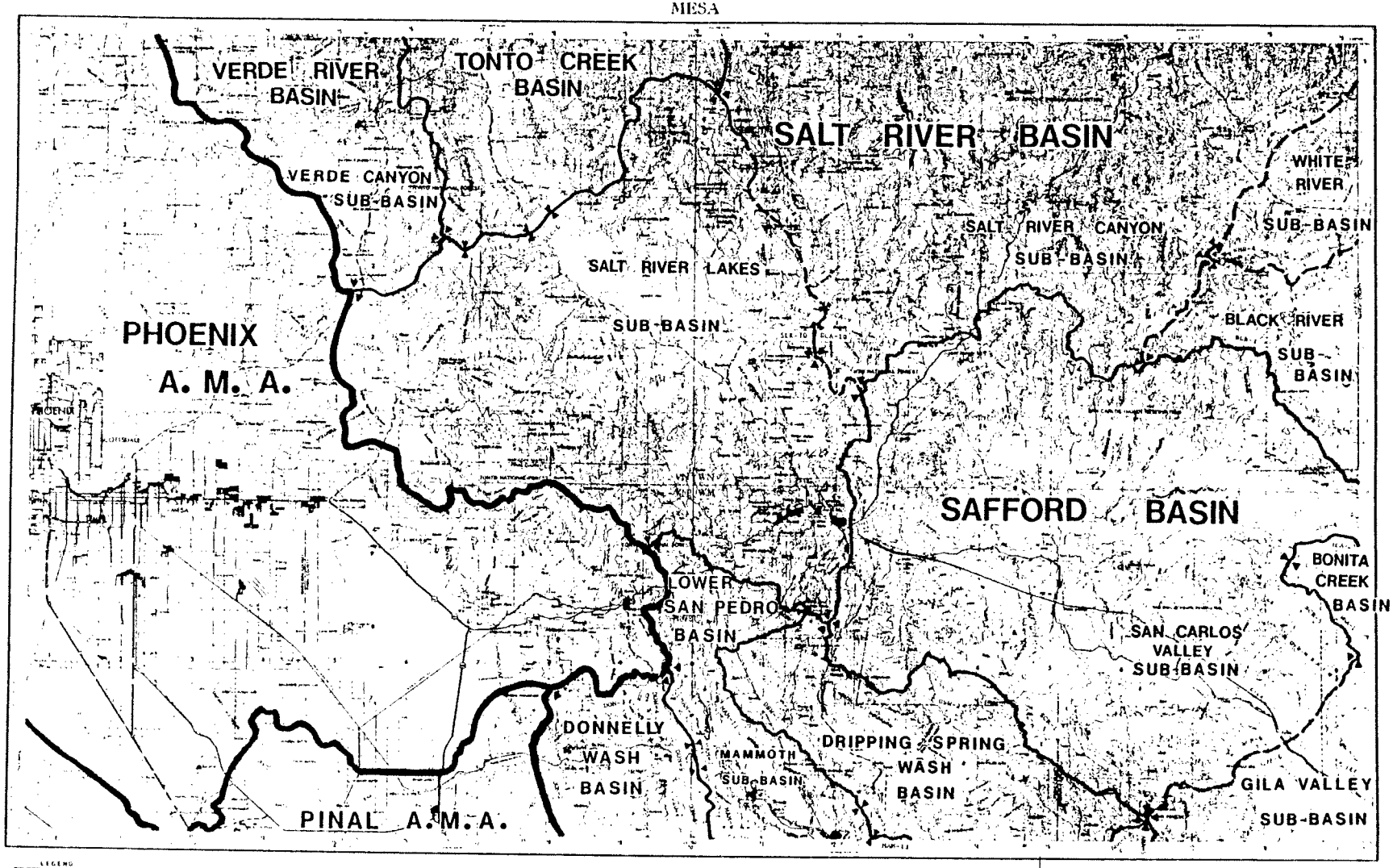
LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983

MESA




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.R.A. BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1°x2°

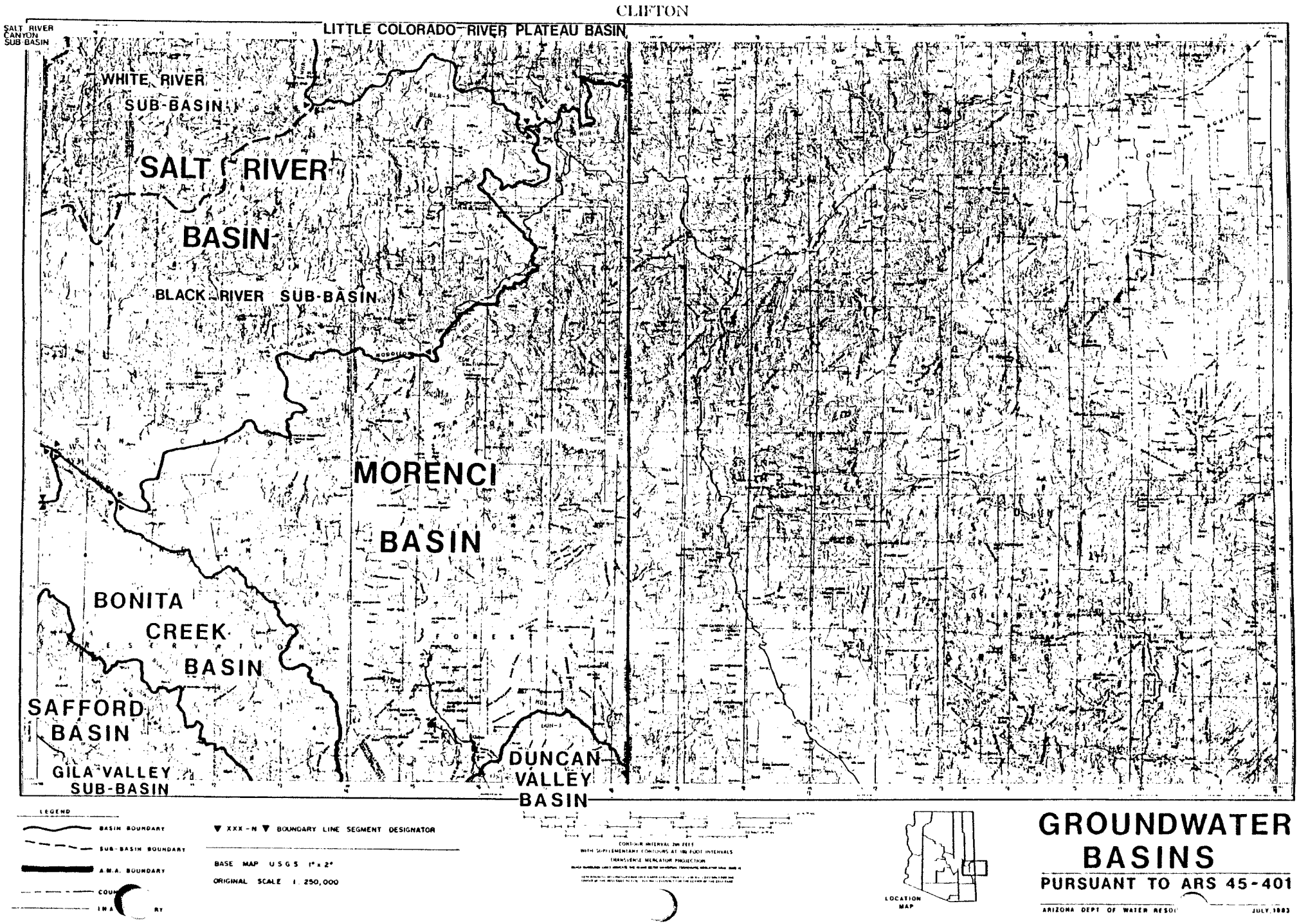
ORIGINAL SCALE 1:250,000

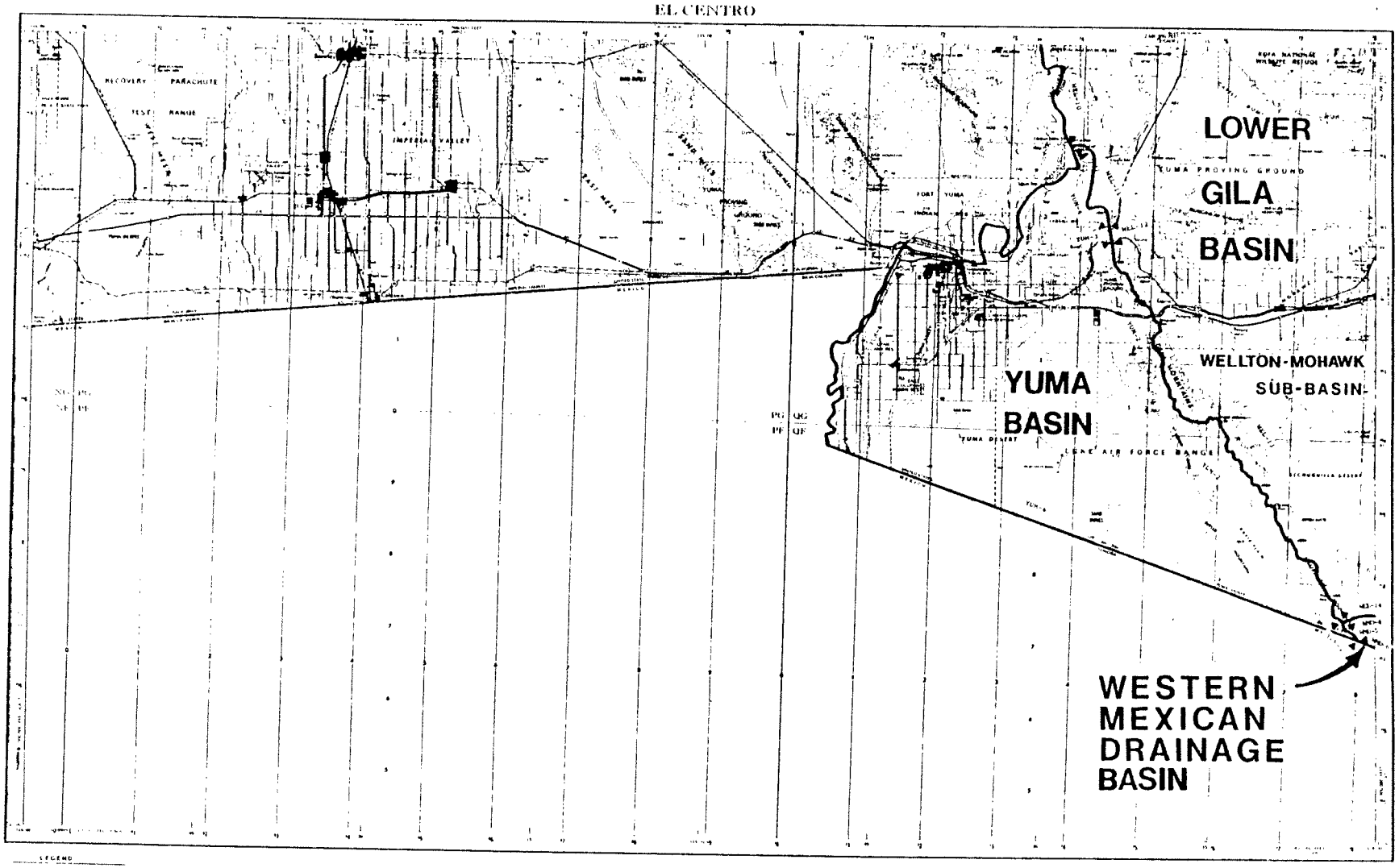
LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983


CLIFTON
SALT RIVER CANYON SUB-BASIN
LITTLE COLORADO RIVER PLATEAU BASIN
WHITE RIVER SUB-BASIN
SALT RIVER BASIN
BLACK RIVER SUB-BASIN
MORENCI BASIN
BONITA CREEK BASIN
SAFFORD BASIN
GILA VALLEY SUB-BASIN
DUNCAN VALLEY BASIN
LEGEND
BASIN BOUNDARY
SUB-BASIN BOUNDARY
A.M.A. BOUNDARY
▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR
BASE MAP U.S.G.S. 1° x 2°
ORIGINAL SCALE 1:250,000
CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION
LOCATION MAP
GROUNDWATER BASINS
PURSUANT TO ARS 45-401
ARIZONA DEPT. OF WATER RESOU
JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

AMA BOUNDARY

COUNTY LINE

INA BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1°x2°

ORIGINAL SCALE 1:250,000

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
DATUM IS MEAN SEA LEVEL

LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983

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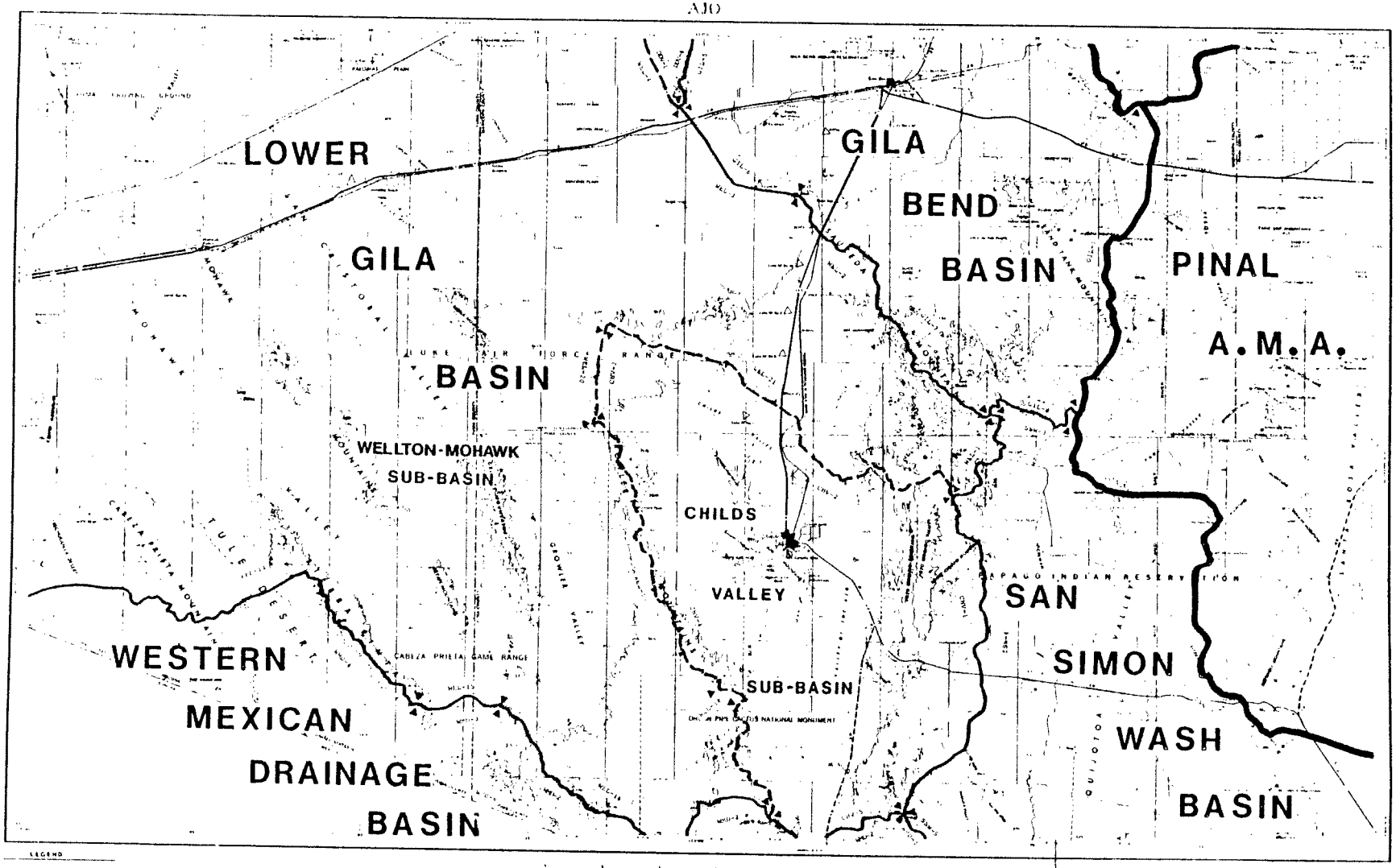



LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

AMA BOUNDARY

COUNTY LINE

INA BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP USGS 1°x2°

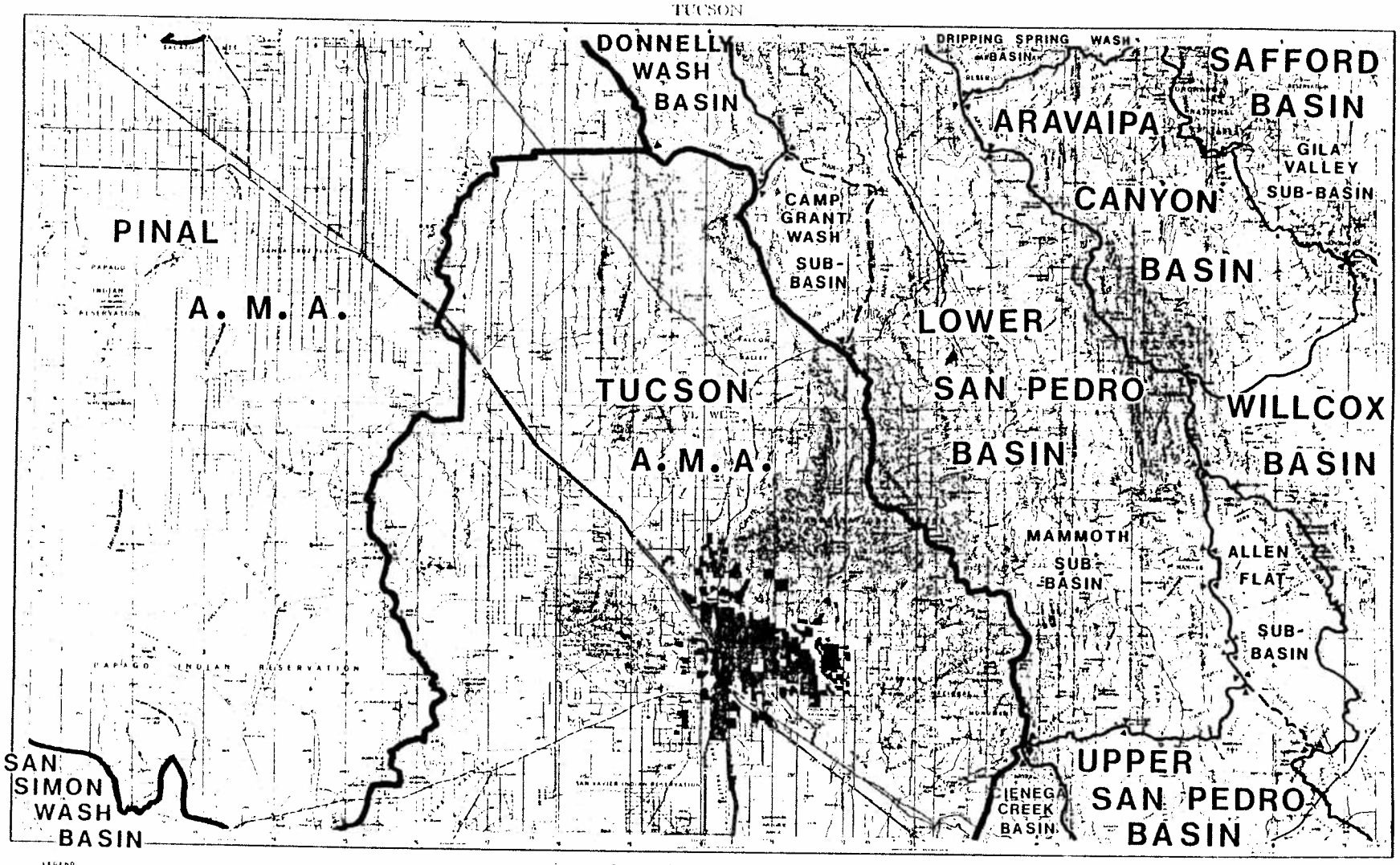
ORIGINAL SCALE 1 250,000

LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT OF WATER RESOURCES JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.R.A. BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP USGS 1° x 2°

ORIGINAL SCALE 1:250,000

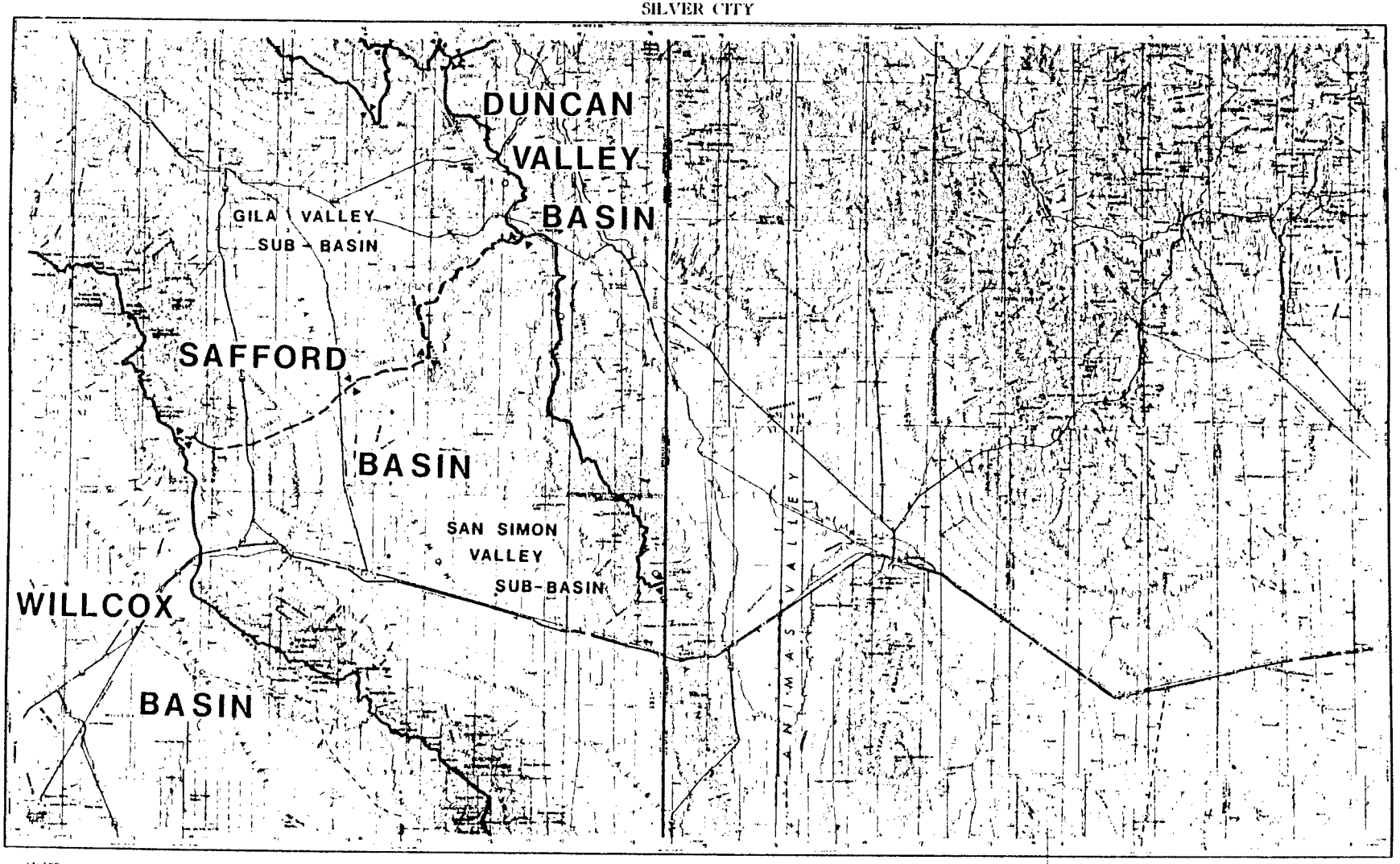
LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983

SILVER CITY




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

AMA BOUNDARY

COUNTY LINE

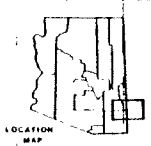
INA BOUNDARY

▼ XXX - N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP USGS 1° x 2°

ORIGINAL SCALE 1 : 250,000

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

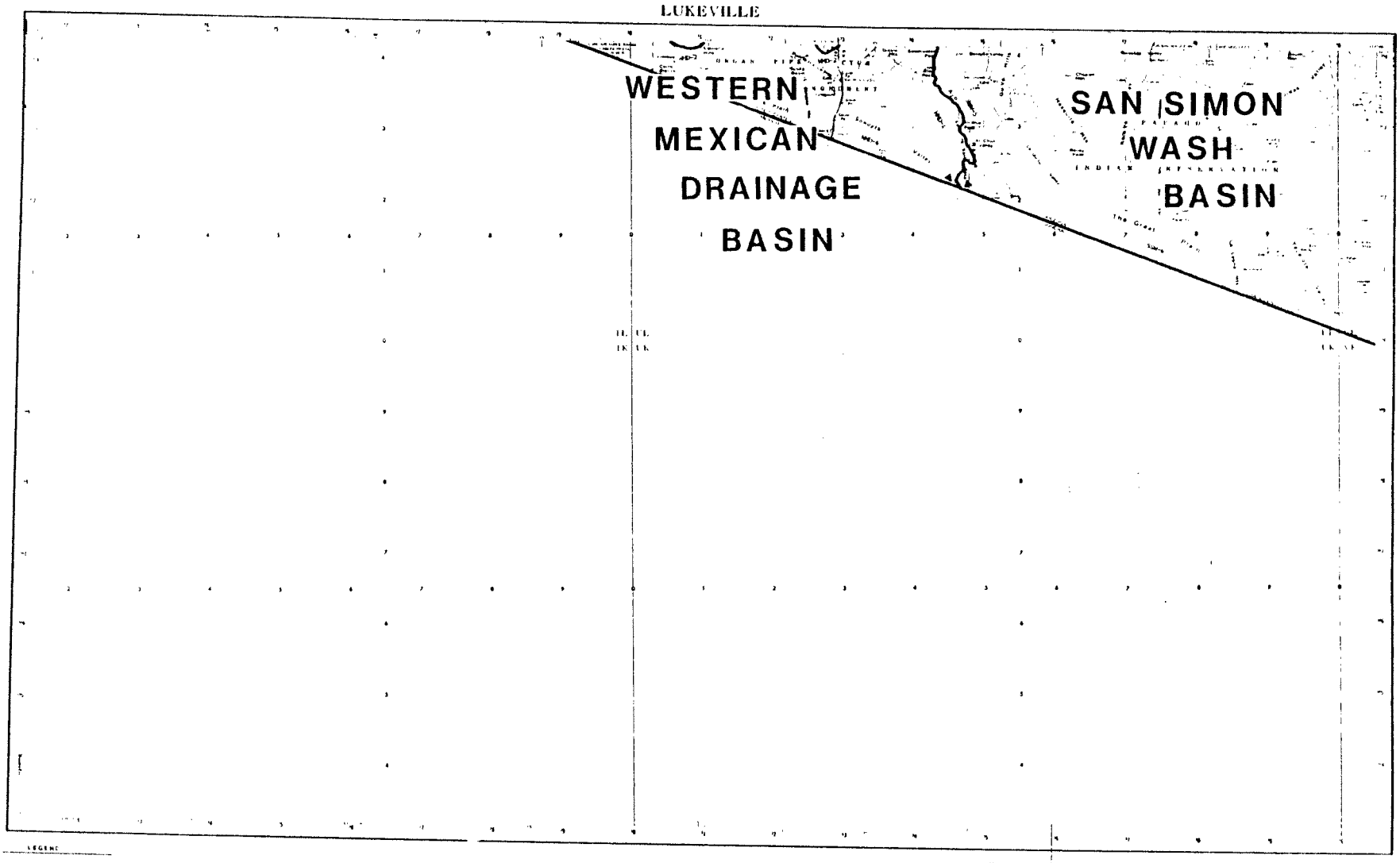


LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT OF WATER RESOURCES JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

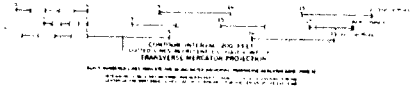
COUNTY LINE

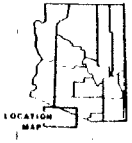
I.N.A. BOUNDARY

▼ XXX - N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1° x 2°

ORIGINAL SCALE 1 250,000

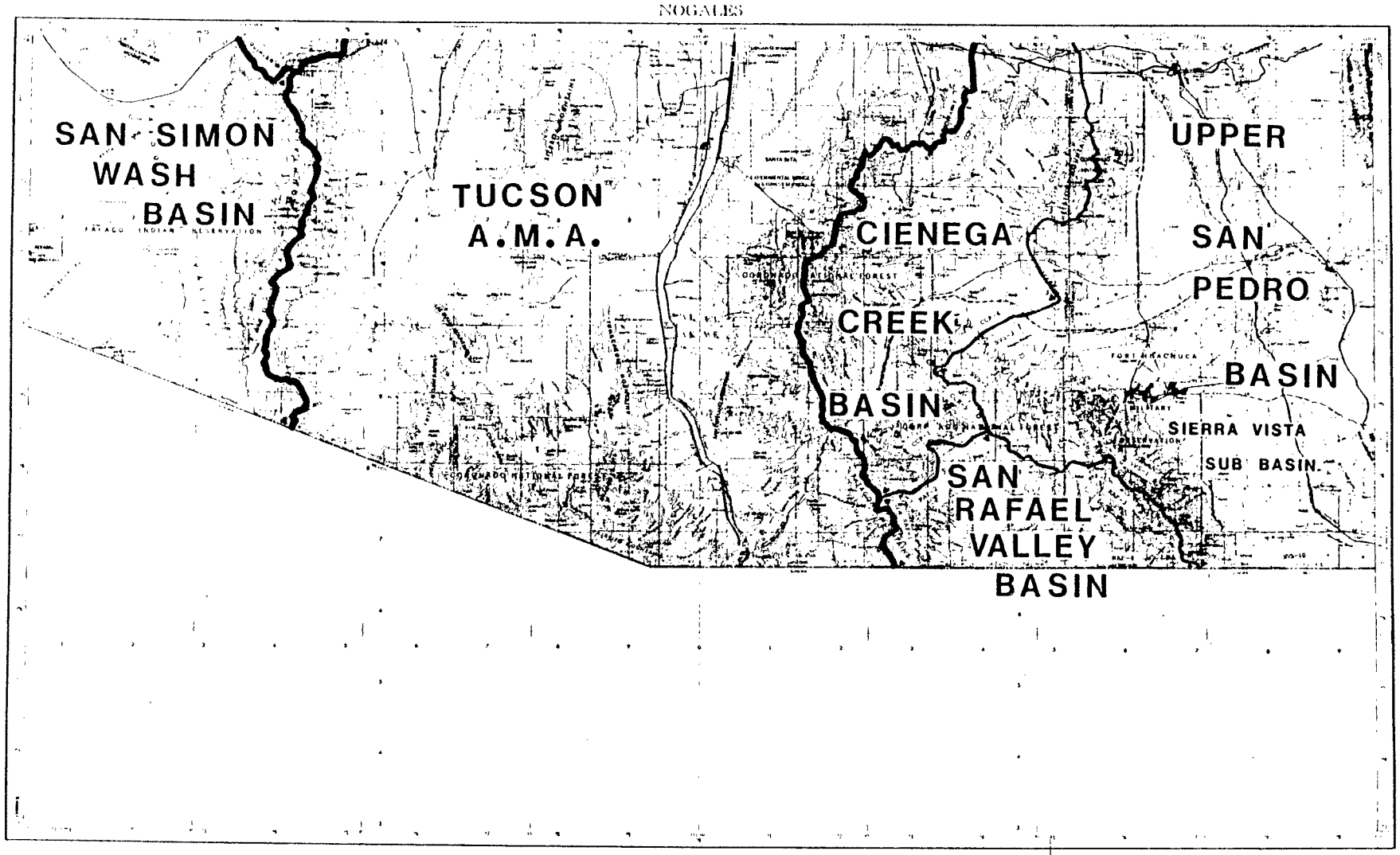





# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.N.A. BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP USGS 1°x2°

ORIGINAL SCALE 1:250,000

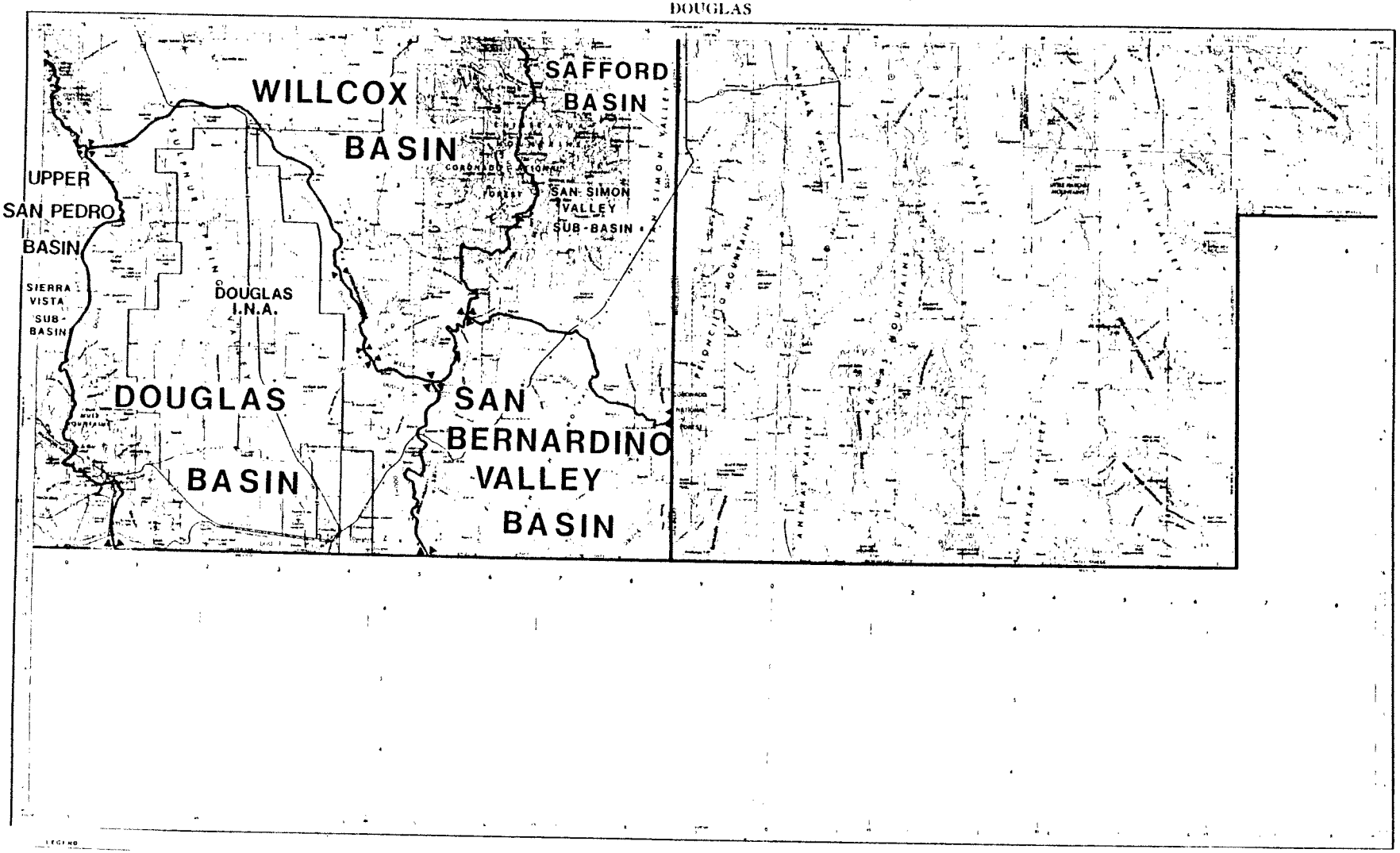
LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983

DOUGLAS




LEGEND

BASIN BOUNDARY

SUB-BASIN BOUNDARY

A.M.A. BOUNDARY

COUNTY LINE

I.N.A. BOUNDARY

▼ XXX-N ▼ BOUNDARY LINE SEGMENT DESIGNATOR

BASE MAP U.S.G.S. 1° x 2°

ORIGINAL SCALE 1:250,000

LOCATION MAP

# GROUNDWATER BASINS

## PURSUANT TO ARS 45-401

ARIZONA DEPT. OF WATER RESOURCES JULY 1983

## BOUNDARY LINE DESCRIPTIONS

The following descriptions delineate the actual location of the groundwater basin and sub-basin boundaries. The descriptions are arranged alphabetically by basin (corresponding with Table 1). For basins containing sub-basins, the sub-basins are arranged alphabetically under the basin heading. The portion of the basin or sub-basin boundary represented by each segment description is shown on the previous twenty-three maps. The segment is described verbally where that method provides an exact location of the boundary. In other locations where the boundary line does not follow natural distinguishing features, such as topographic divides, a copy of a portion of the appropriate quadrangle sheet is provided with the boundary line drawn on the map.

Example: find the location of the boundary line for the Lower San Pedro Basin where the Gila River flows out of the basin.

1. Locate the boundary line segment on the appropriate map of the twenty-three groundwater basin maps. The Mesa map (name shown at the top center of map) shows the location of interest in the Lower San Pedro Basin.

2. Find the segment description. The Gila River crosses the boundary through the MAM-7 segment.

3. Find the Lower San Pedro Basin descriptions alphabetically. Under this heading find the descriptions for the Mammoth Sub-Basin. For MAM-7, the description says "see attached map." Therefore find map MAM-7 (maps for MAM are arranged numerically by the number following MAM-) which shows the location of the boundary line in question.

4. As an alternative, referring to the Mesa groundwater basin map, the same line segment description could have been found under the DON-5 segment for the Donnelly Wash Basin.

## AGUA FRIA BASIN - AGF

AGF-1 The basin boundary coincident with the Phoenix Active Management Area boundary.

AGF-2 The topographic divide separating the basin from the Verde River Basin.

AGF-3 The basin boundary coincident with the Prescott Active Management Area boundary.

AGF-4 The topographic divide separating the basin from the Upper Hassayampa Basin.

## ARAVAIPA CANYON BASIN - ARA

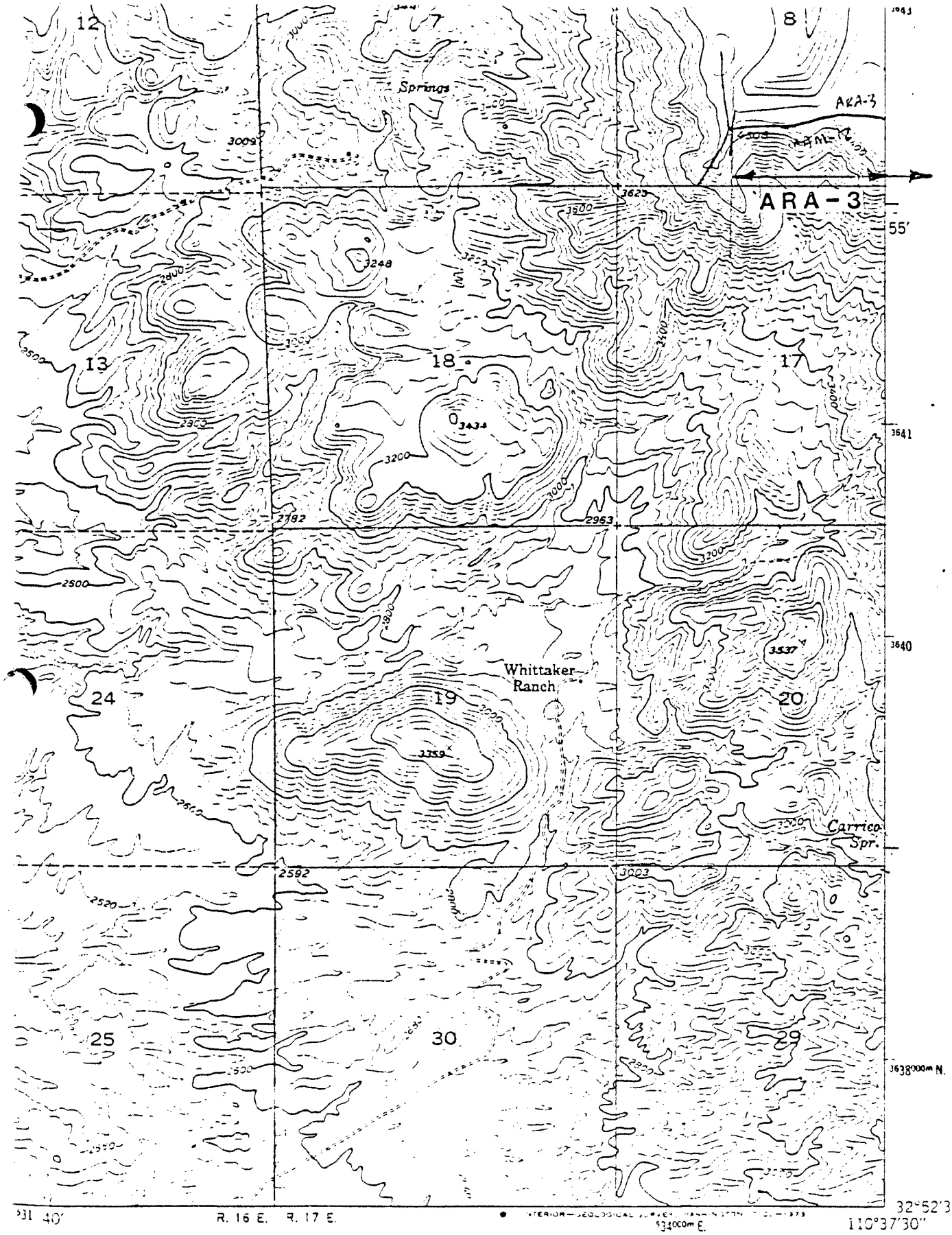
ARA-1 The drainage divide separating the basin and the Willcox Basin.

ARA-2 The drainage divide separating the basin and the Mammoth Sub-Basin of the Lower San Pedro Basin.

ARA-3 See attached maps.

ARA-4 The drainage divide separating the basin and the Dripping Spring Wash Basin.

ARA-5 The drainage divide separating the basin and the Gila Valley Sub-Basin of the Safford Basin.




# ARA-3

(Sheet 1 of 3)

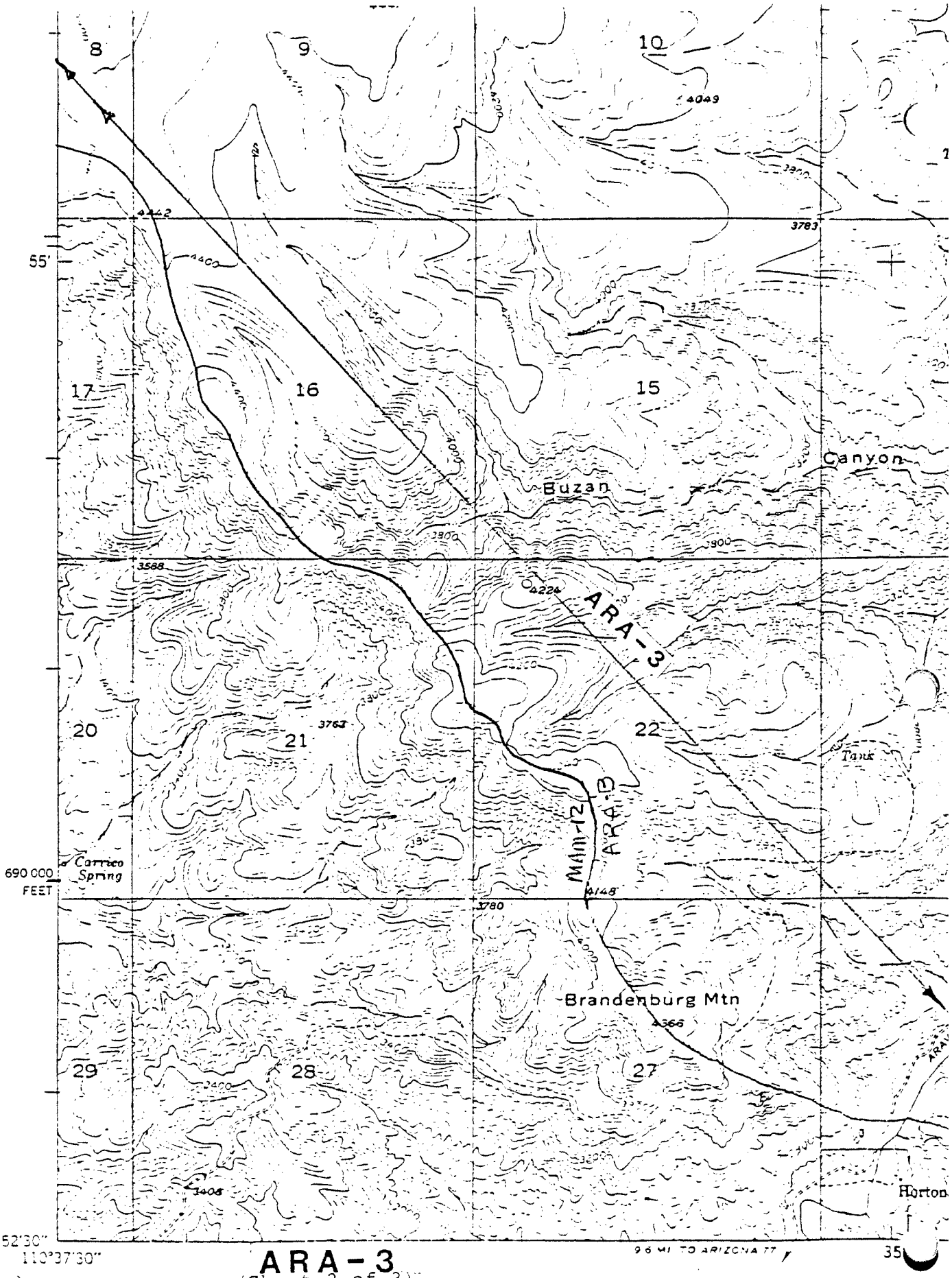
SADDLE MTN. QUADRANGLE

ARIZONA-PINAL CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

N

(HOLY JOE PEAK) 1949 I SE




# ARA-3

(Sheet 2 of 3)

BRANDENBURG MTN. QUADRANGLE

ARIZONA-PINAL CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

(LOOKOUT MTN)

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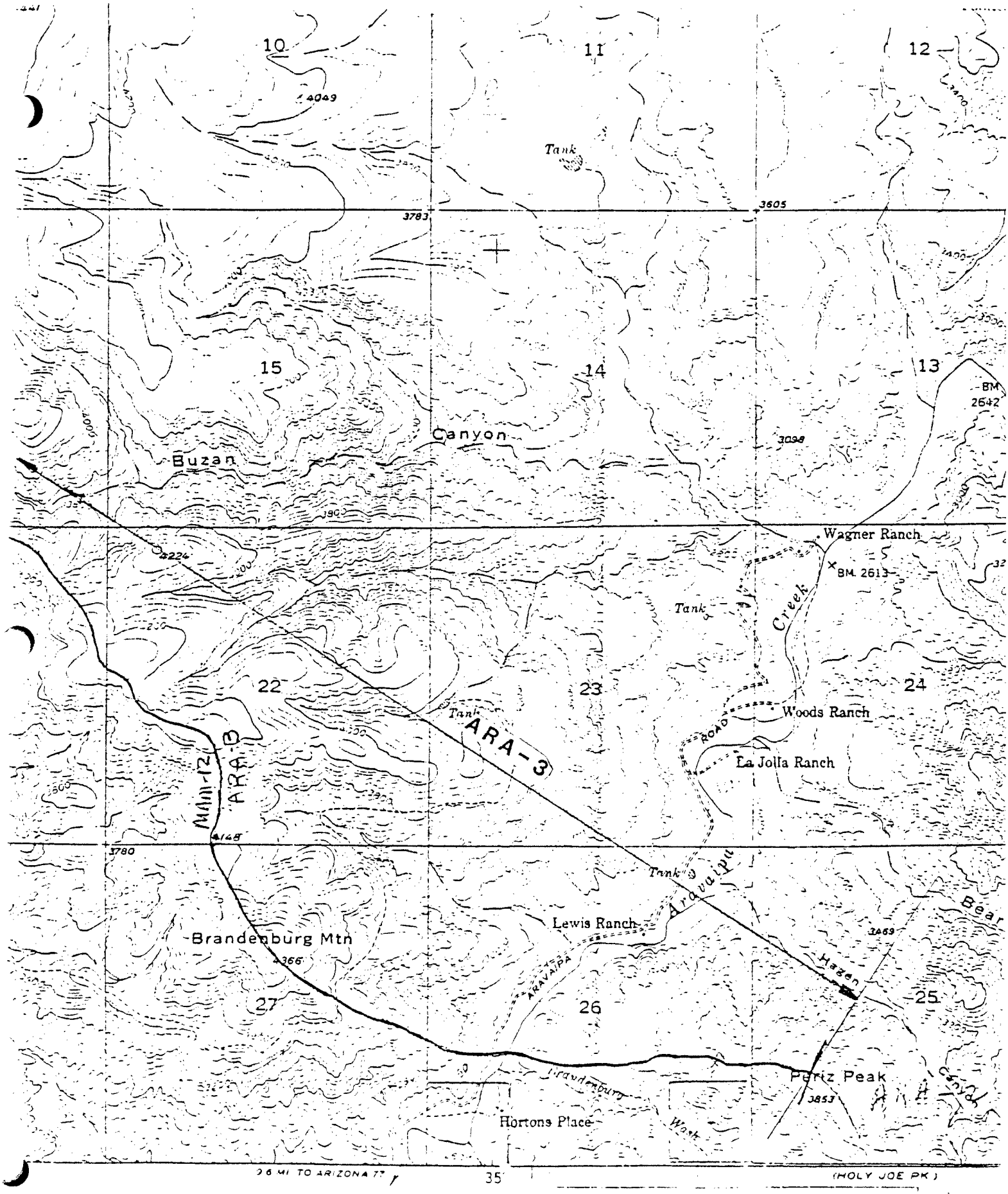



# ARA-3

(Sheet 3 of 3)

BRANDENBURG MTN. QUADRANGLE

ARIZONA-PINAL CO.

BIG SANDY BASIN
FORT ROCK SUB-BASIN - FOR

FOR-1 The topographic divide separating the sub-basin from the Bill Williams Basin.

FOR-2 The topographic divide separating the sub-basin from the Verde River Basin.

FOR-3 The topographic divide separating the sub-basin from Peach Springs Basin.

FOR-4 The topographic divide separating the sub-basin from the Wikieup Sub-Basin.

FOR-5 See attached map.

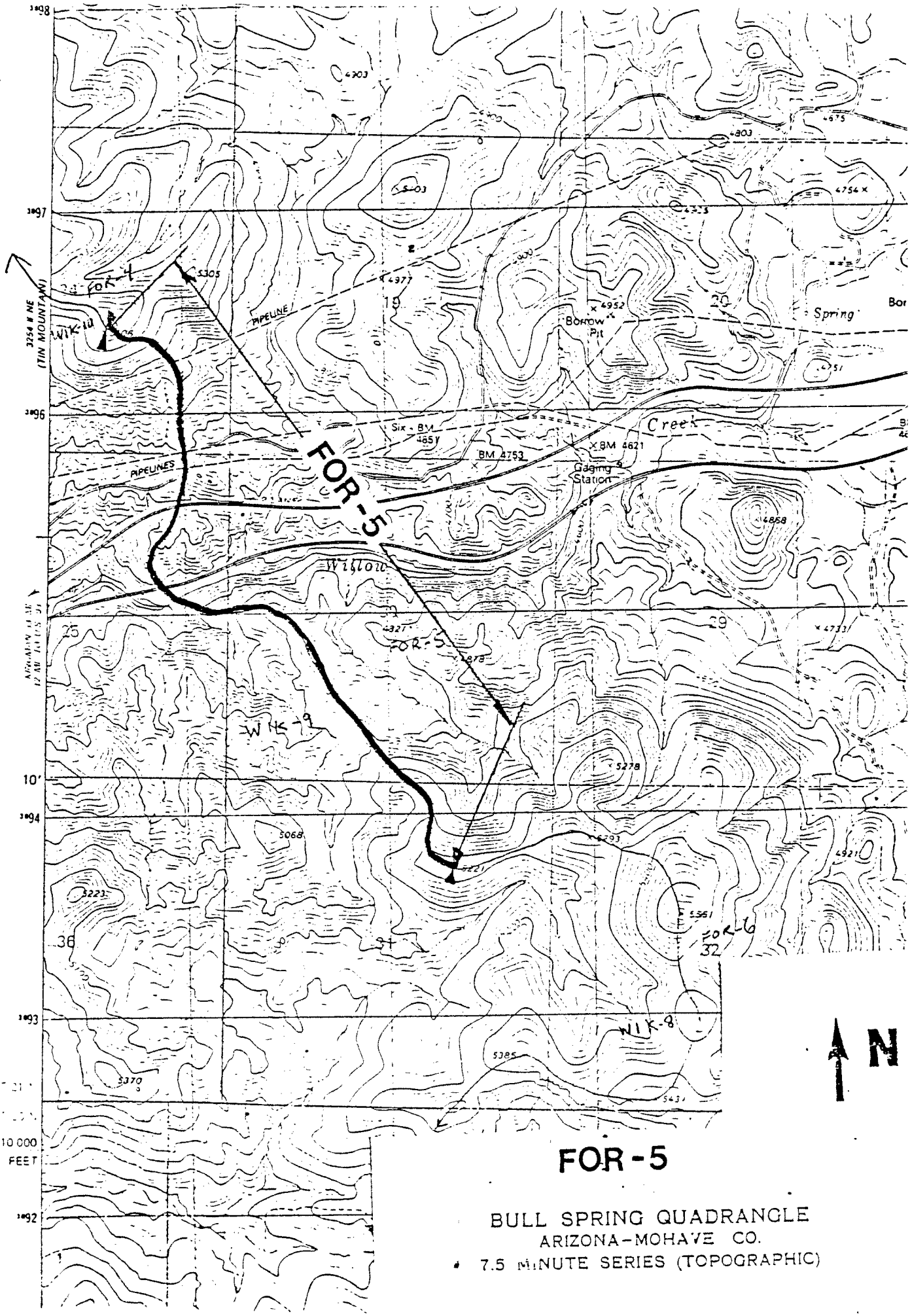
FOR-6 See FOR-4.

FOR-7 See attached maps.

FOR-8 See FOR-4.

FOR-9 See attached maps.

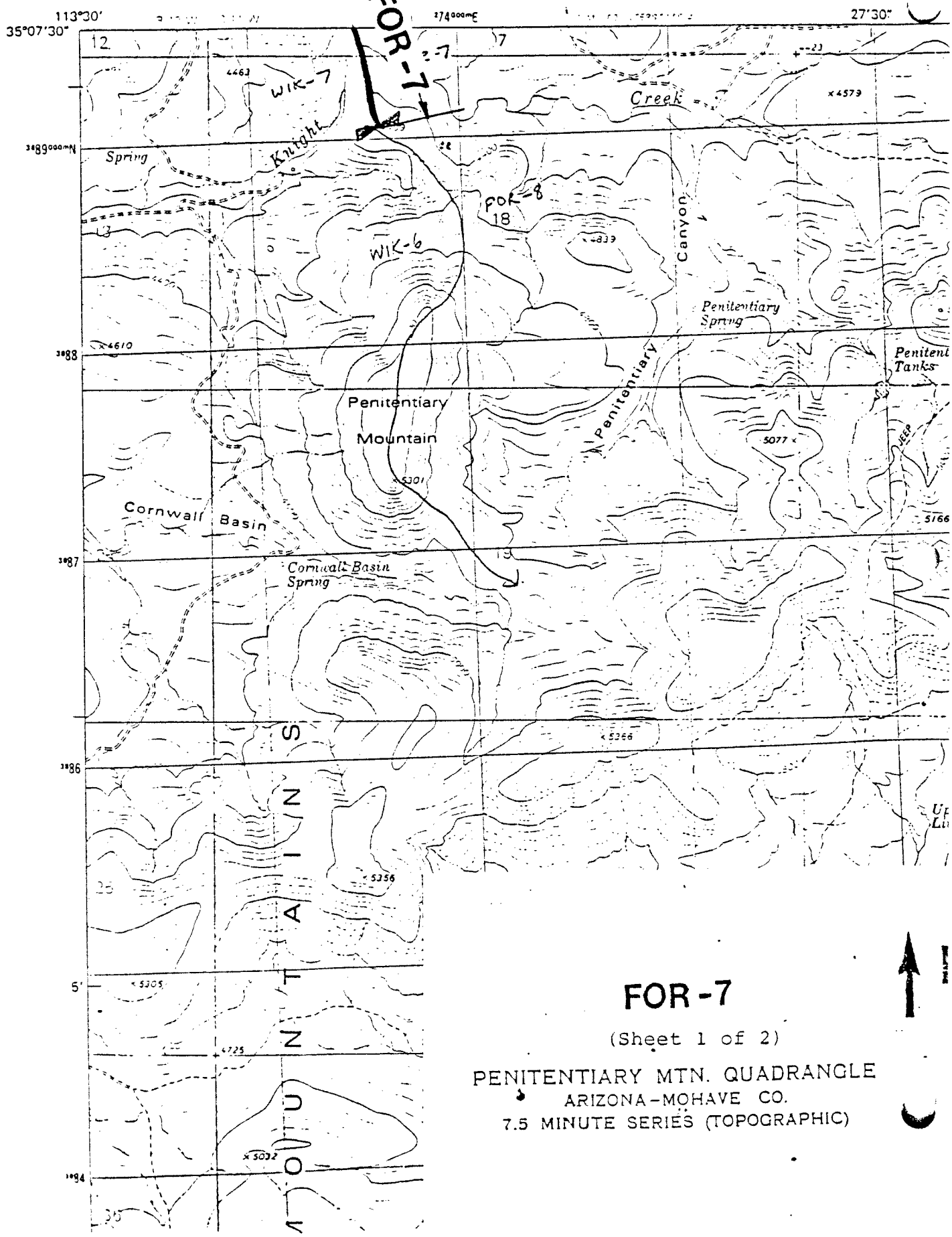
FOR-10 See FOR-4.




# FOR-5

BULL SPRING QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

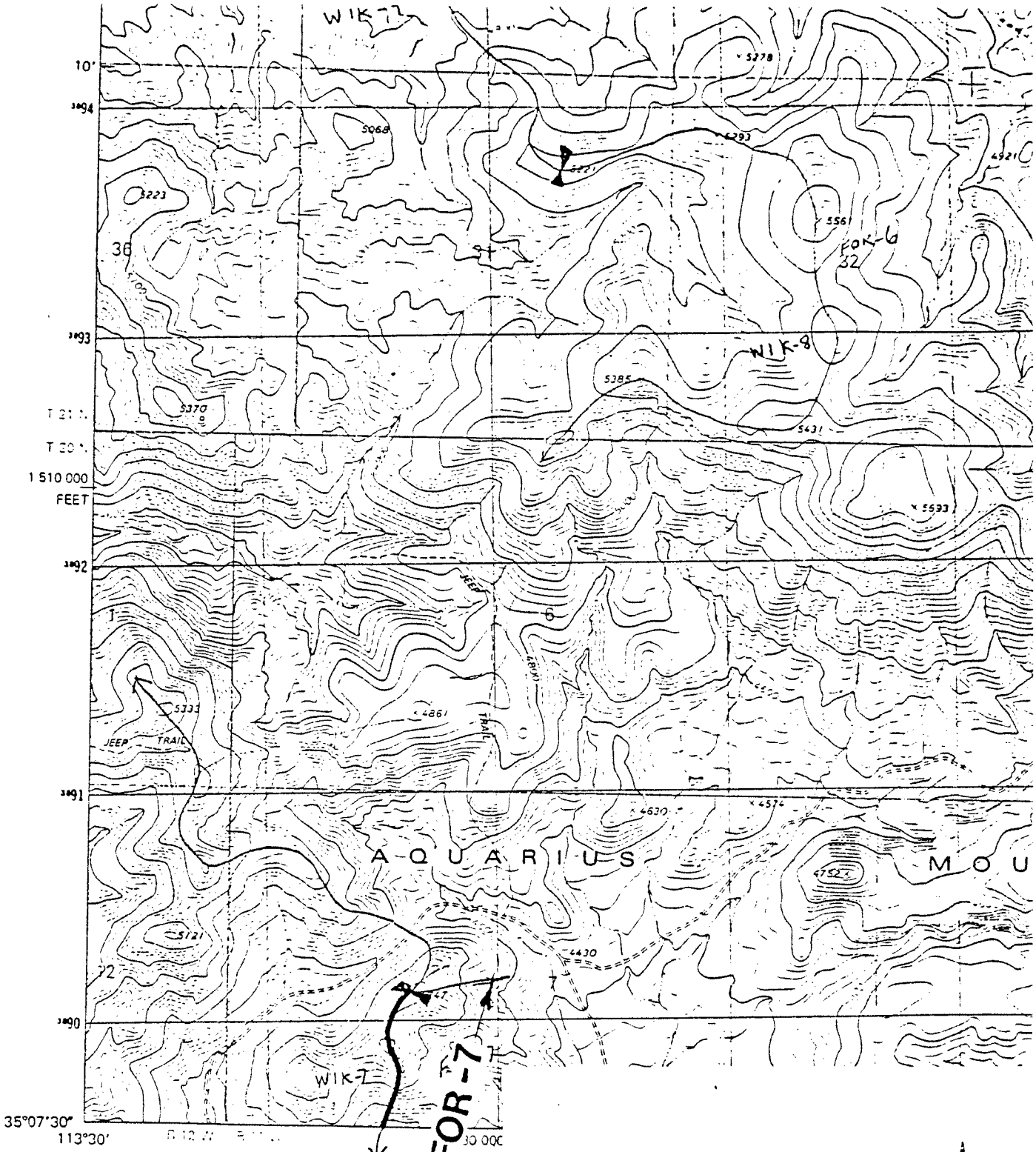
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY




# FOR-7

(Sheet 1 of 2)

PENITENTIARY MTN. QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




Mapped, edited, and published by the Geologica

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1975
Map edited 1980

Projection and 10,000-foot grid ticks: Arizona coordinate system, west 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 2 meters north and 70 meters east as shown by dashed corner ticks

(AUSTIN PEAK) 3234 II SE

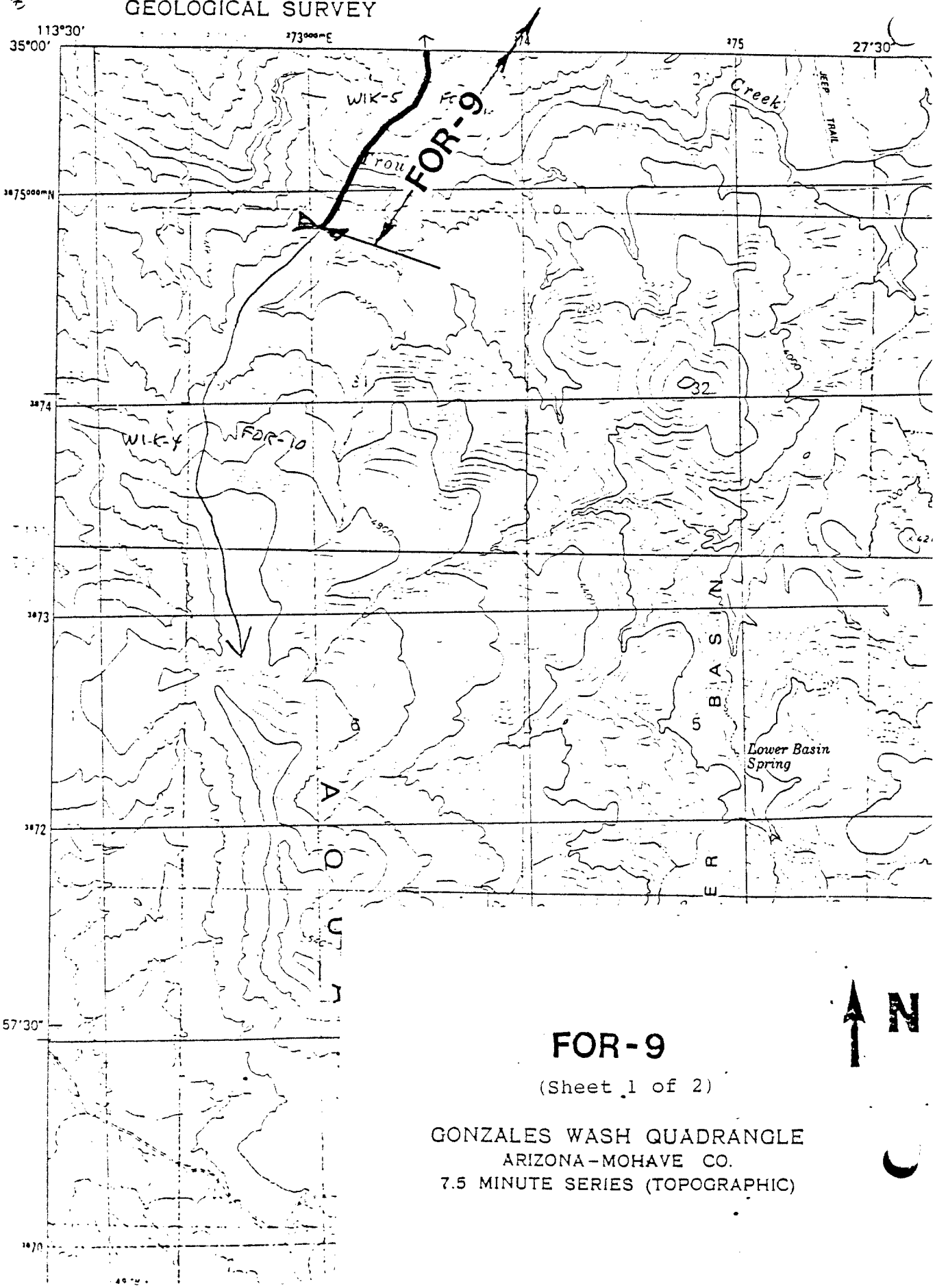
# FOR-7

(Sheet 2 of 2)

BULL SPRING QUADRANGLE
ARIZONA–MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

N

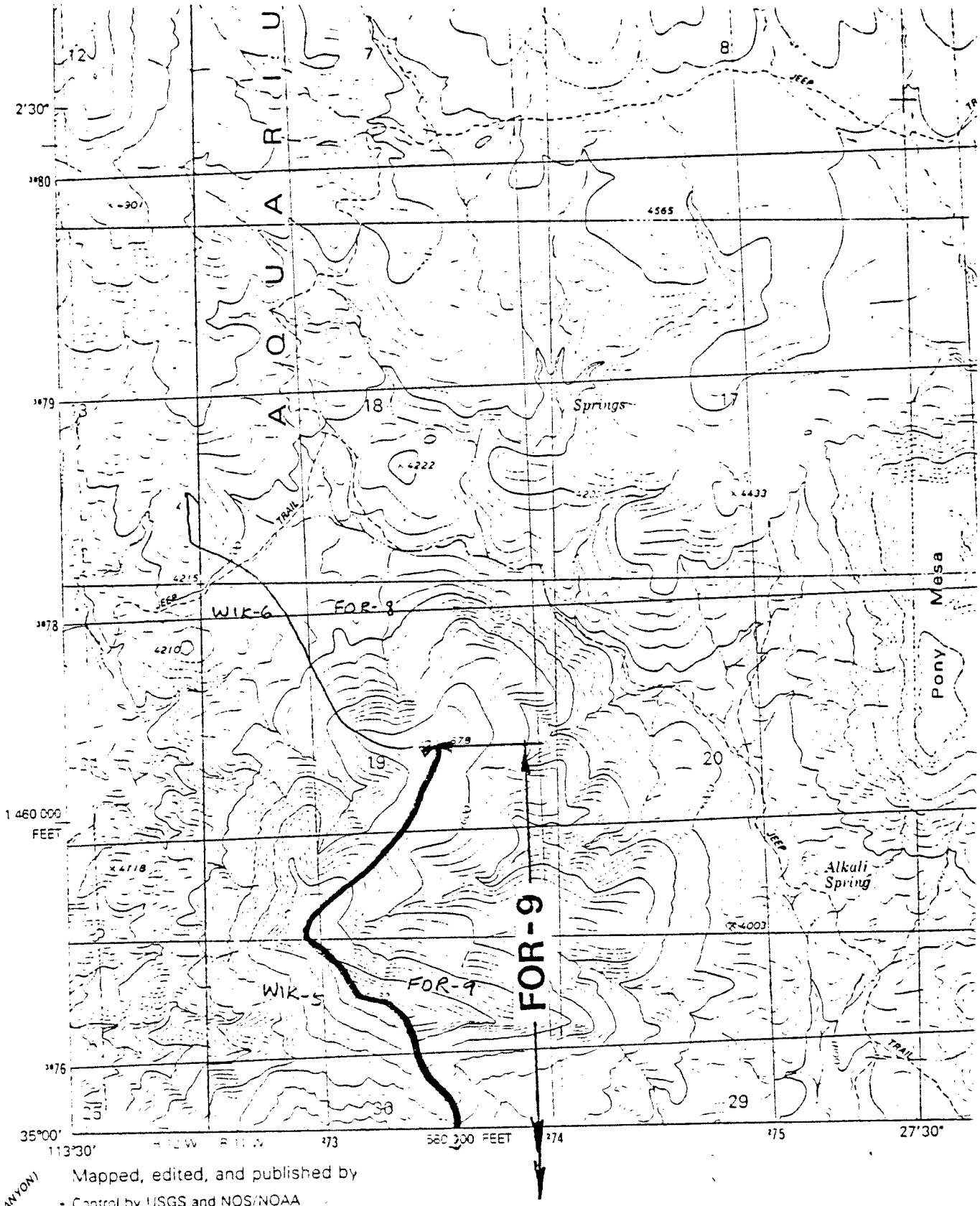
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY




# FOR-9

(Sheet 1 of 2)

GONZALES WASH QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

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Topography by photogrammetric methods
photographs taken 1973. Field checked
Map edited 1980

Projection and 10,000-foot grid ticks: Ariz
system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercat
1927 North American Datum
To place on the predicted North America
move the projection lines 2 meters north
70 meters east as shown by dashed cor

(TOM BROWN CANYON)
3233 I NE

# FOR-9

(Sheet 2 of 2)

PENITENTIARY MTN. QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

N

BIG SANDY BASIN
WIKIEUP SUB-BASIN - WIK

WIK-1 The topographic divide separating the sub-basin from the Bill Williams Basin.

WIK-2 See attached map.

WIK-3 See WIK-1.

WIK-4 The topographic divide separating the sub-basin from the Fort Rock Sub-Basin.

WIK-5 See attached maps.

WIK-6 See WIK-4.

WIK-7 See attached maps.

WIK-8 See WIK-4.

WIK-9 See attached map.

WIK-10 See WIK-4.

WIK-11 The topographic divide separating the sub-basin from the Peach Springs Basin.

WIK-12 See attached maps.

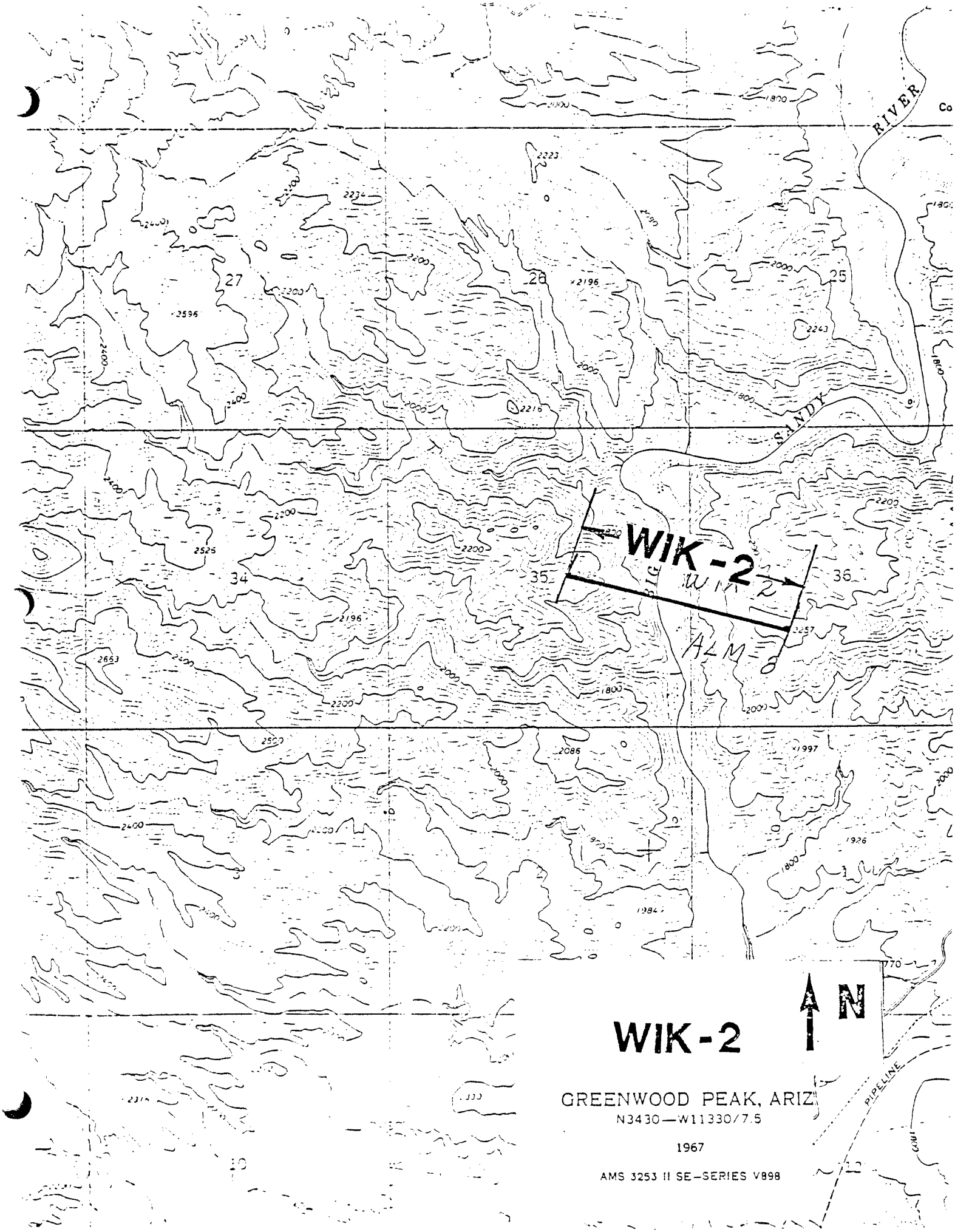
WIK-13 See WIK-11.

WIK-14 The topographic divide separating the sub-basin from the Hualapai Valley Basin.

WIK-15 See attached maps.

WIK-16 See WIK-14.

WIK-17 The topographic divide separating the sub-basin from the Sacramento Valley Basin.

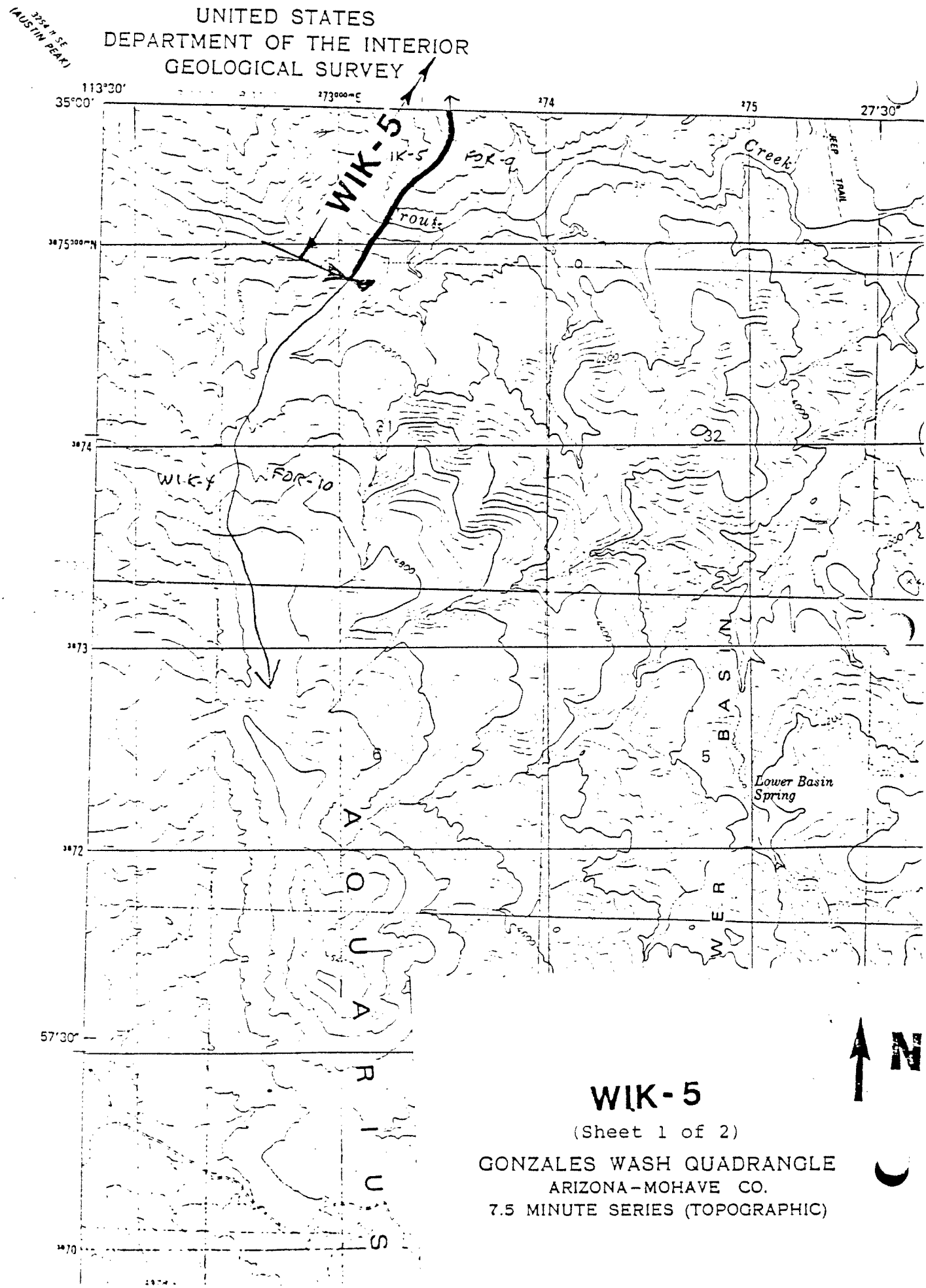



GREENWOOD PEAK, ARIZ

N3430—W11330/7.5

1967

AMS 3253 II SE—SERIES V898



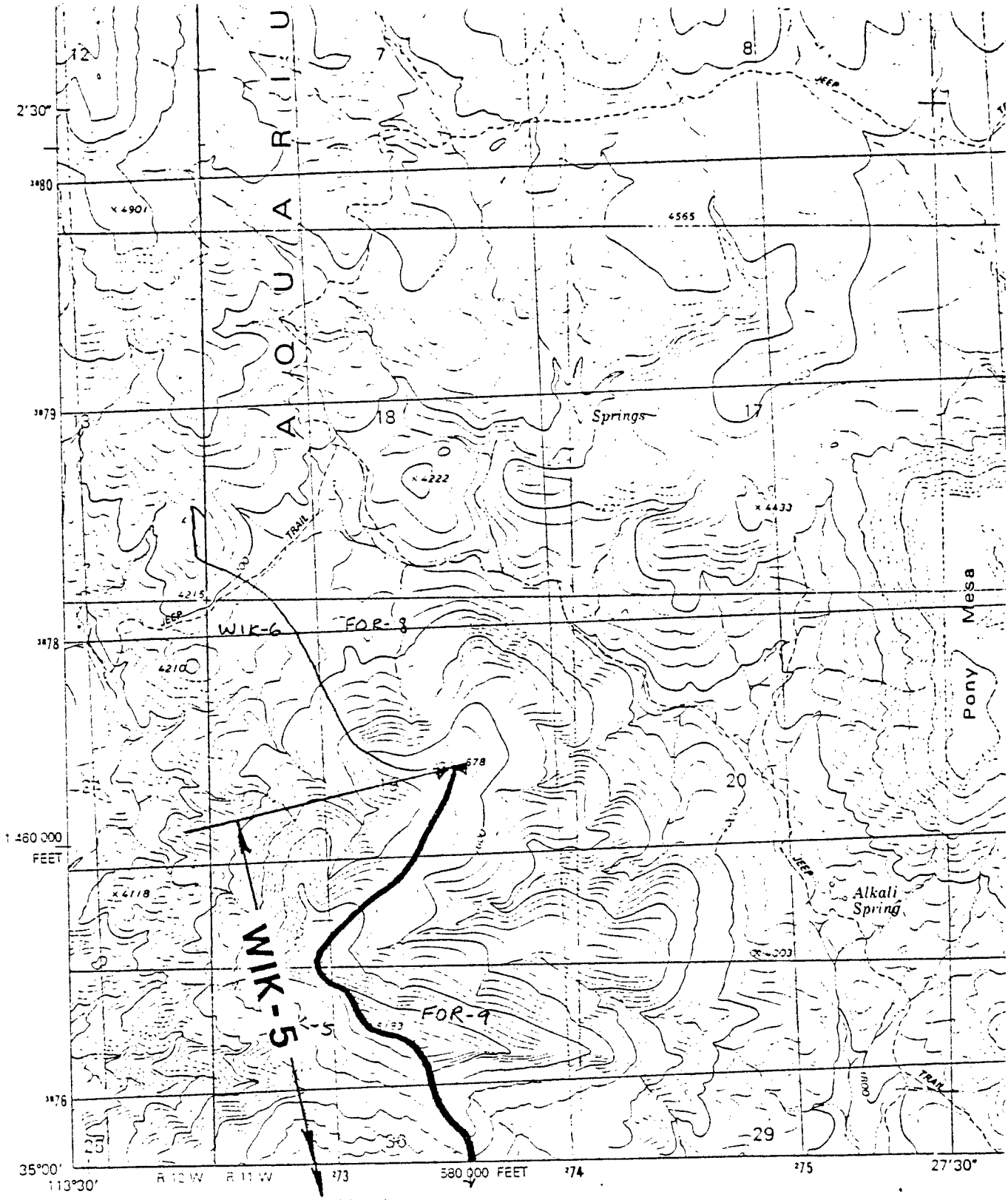

# WIK-5

(Sheet 1 of 2)

GONZALES WASH QUADRANGLE

ARIZONA-MOHAVE CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

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Topography by photogrammetric methods from photographs taken 1973. Field checked 1975 Map edited 1980

Projection and 10,000-foot grid ticks: Arizona co system, west zone (transverse Mercator) 1000-meter Universal Transverse Mercator grid, 1927 North American Datum

To place on the predicted North American Datu move the projection lines 2 meters north and 70 meters east as shown by dashed corner tick

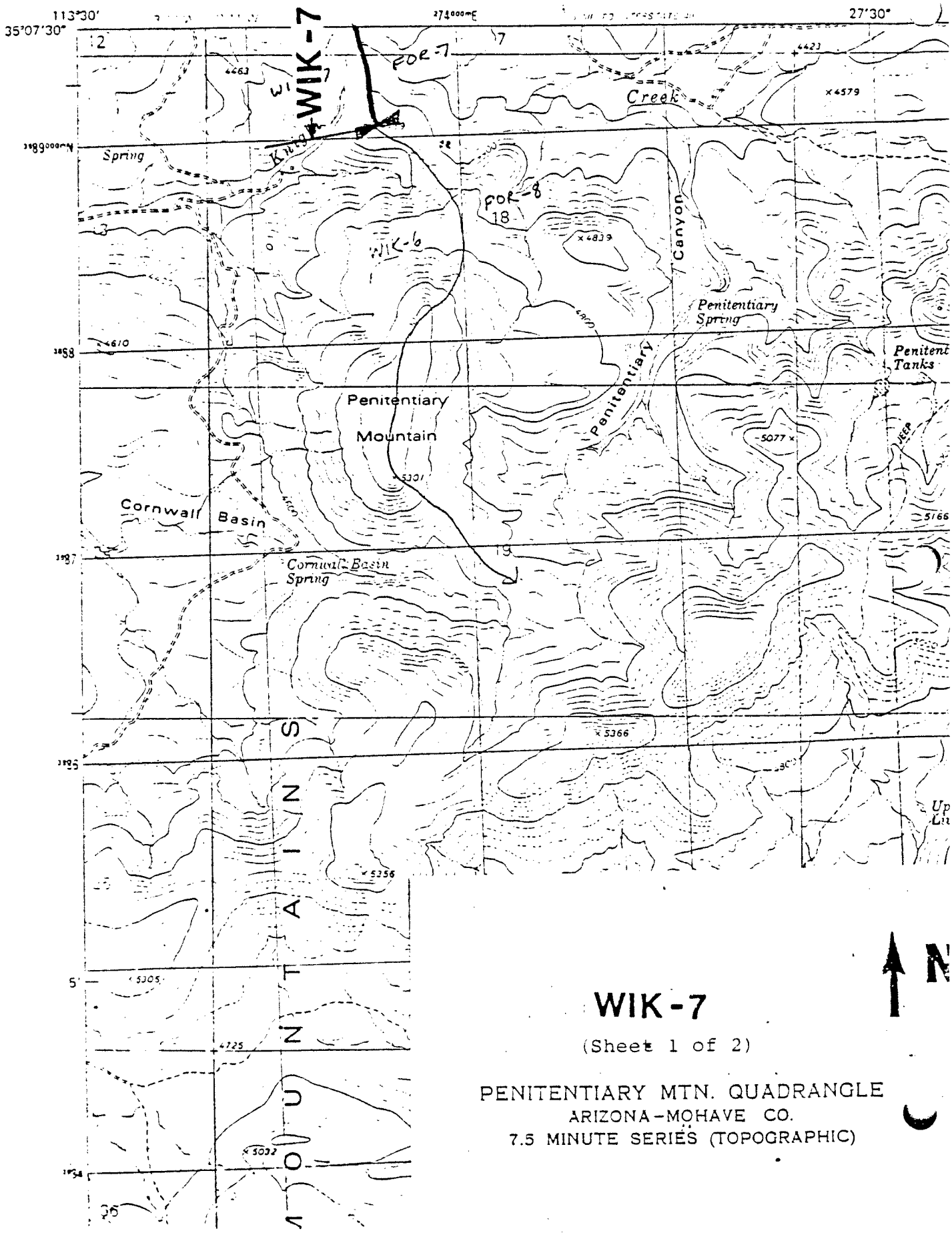
(TOM BROWN CANYON) 3253 I NE

# WIK-5

(Sheet 2 of 2)

PENITENTIARY MTN. QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

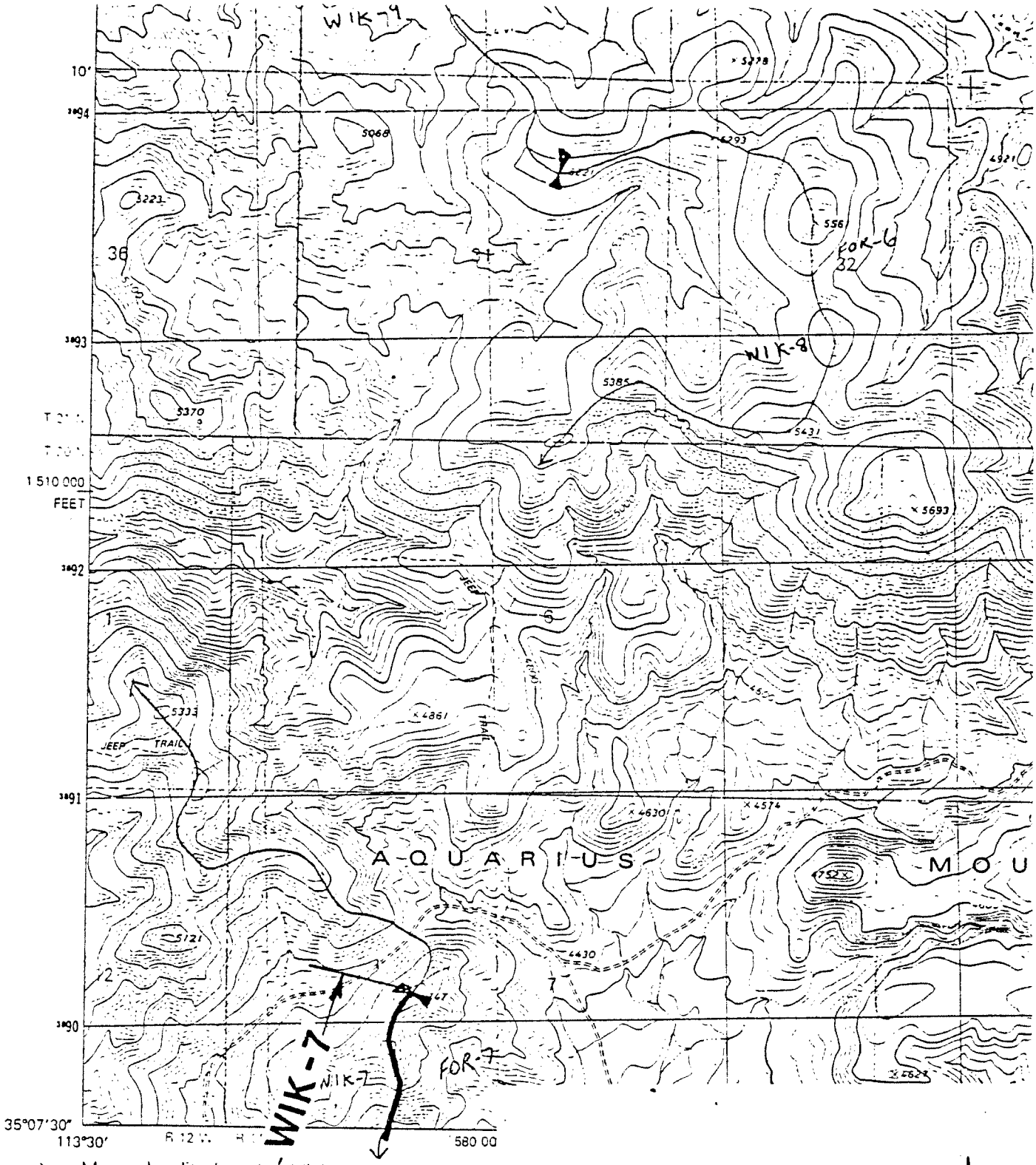
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY




# WIK-7

(Sheet 1 of 2)

PENITENTIARY MTN. QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

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Map edited 1980

Projection and 10,000-foot grid ticks: Arizona coordinate system, west 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 2 meters north and 70 meters east as shown by dashed corner ticks

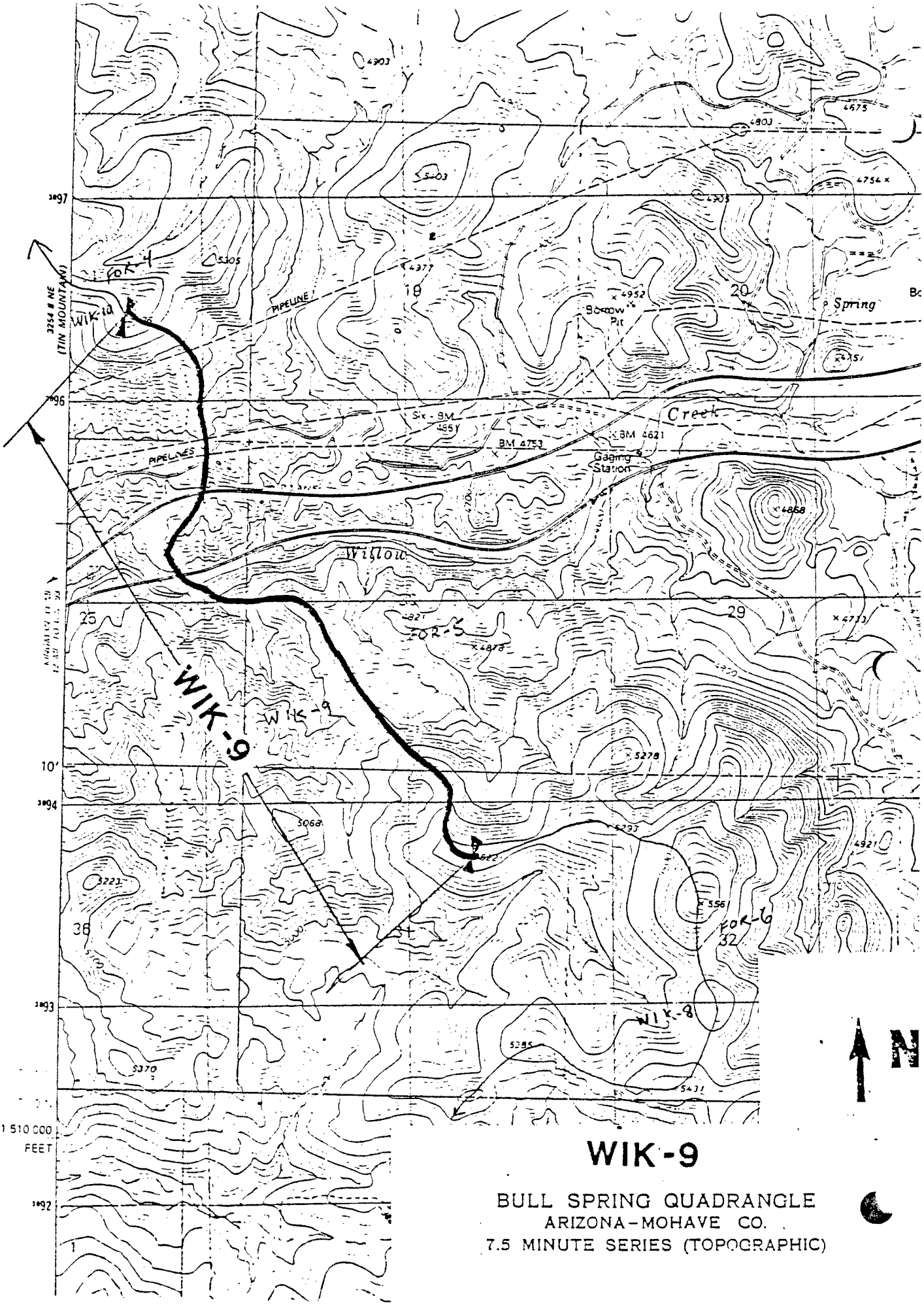
(AUSTIN PEAK) 3254 II SE

N

# WIK-7

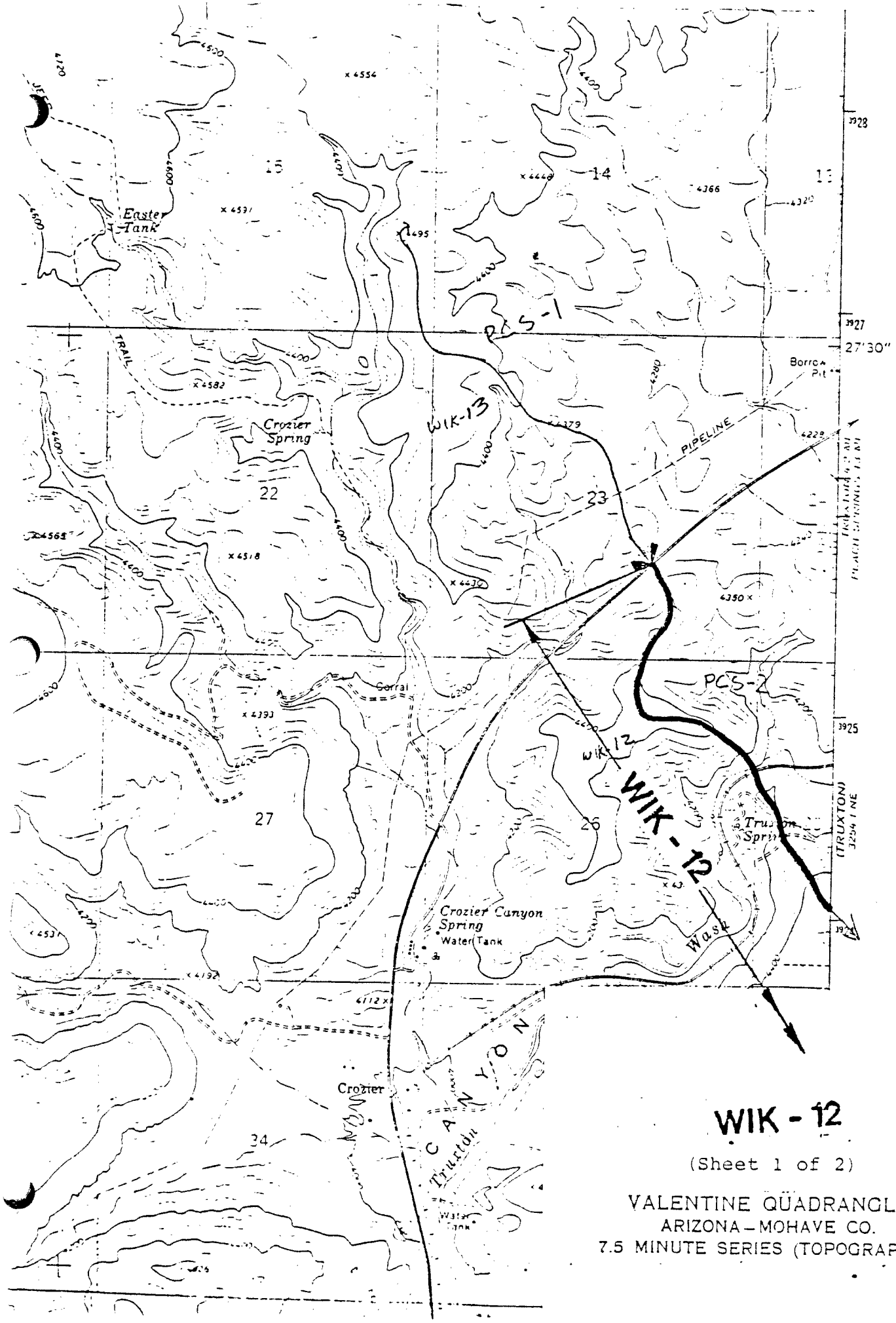
(Sheet 2 of 2)

BULL SPRING QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




# WIK-9

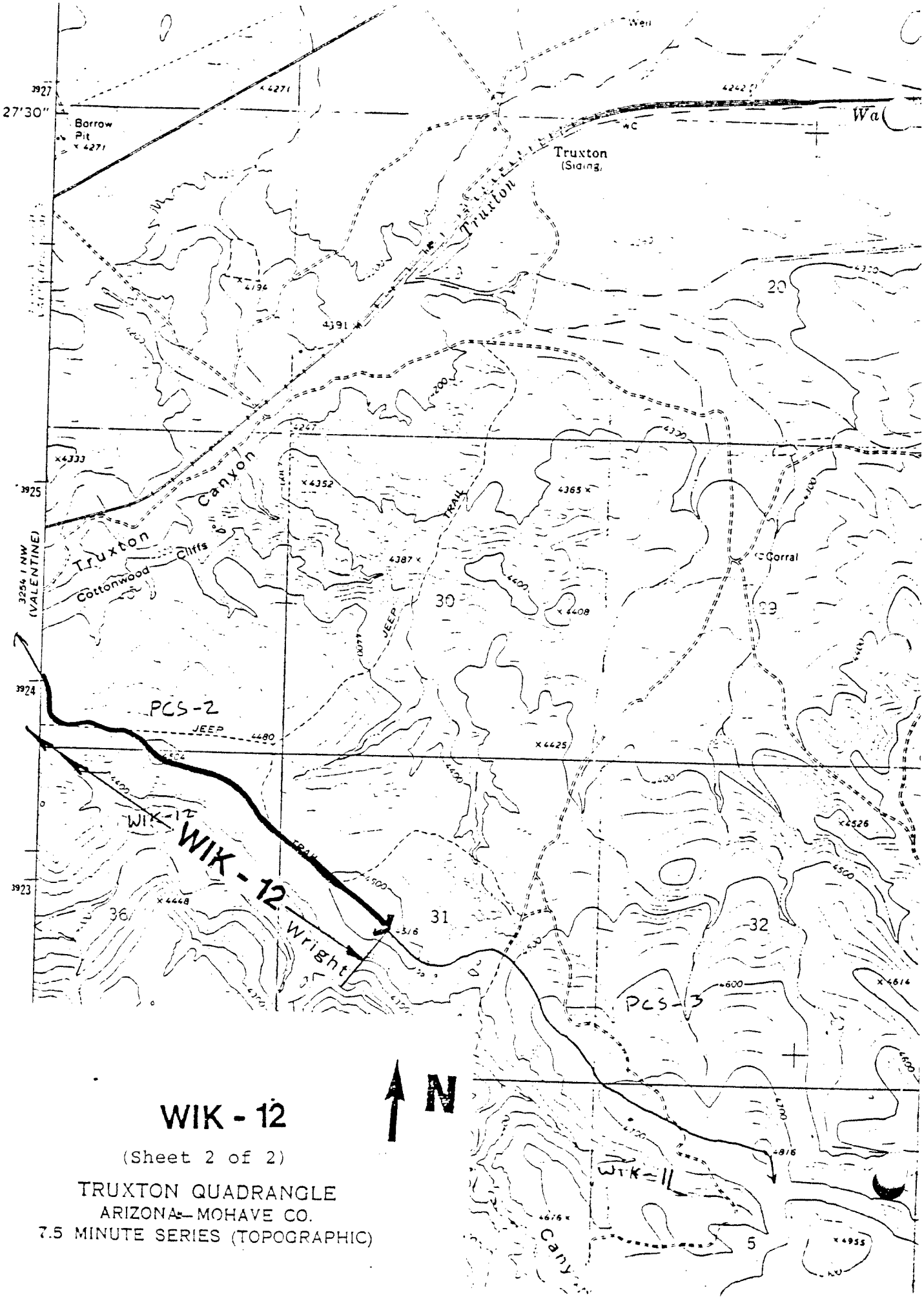
BULL SPRING QUADRANGLE
ARIZONA-MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




# WIK - 12

(Sheet 1 of 2)

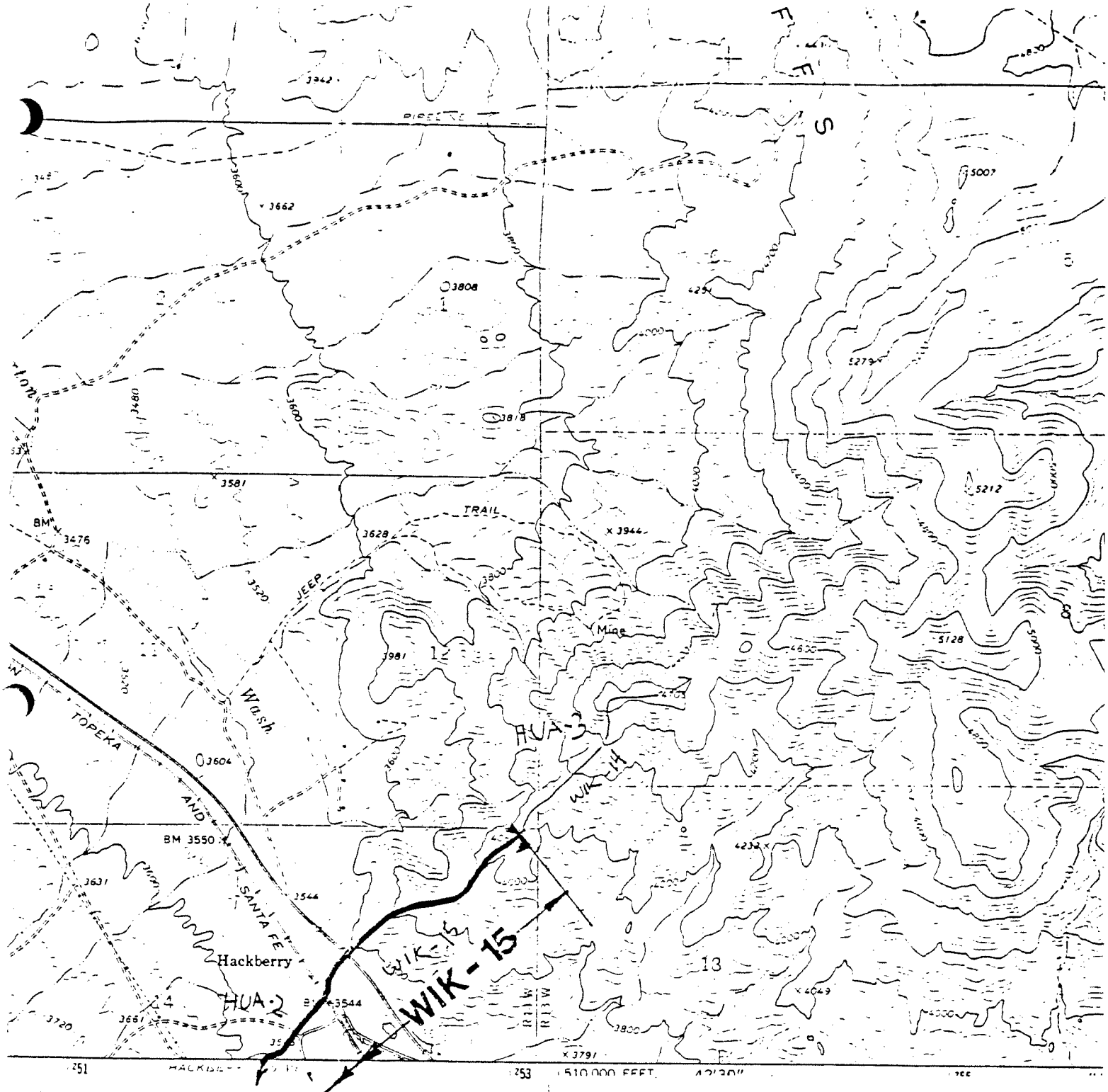
VALENTINE QUADRANGLE
ARIZONA – MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




# WIK - 12

(Sheet 2 of 2)

TRUXTON QUADRANGLE
ARIZONA—MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




and published by the Geological Survey

and NOS/NOAA

otogrammetric methods from aerial
n 1967. Field checked 1968

on. 1927 North American datum
based on Arizona coordinate system, west zone
ersal Transverse Mercator grid ticks,
blue

icted North American Datum 1983
es 3 meters north and
shown by dashed corner ticks

te inholdings within the boundaries of
te reservations shown on this map

1°33'
28 MILS

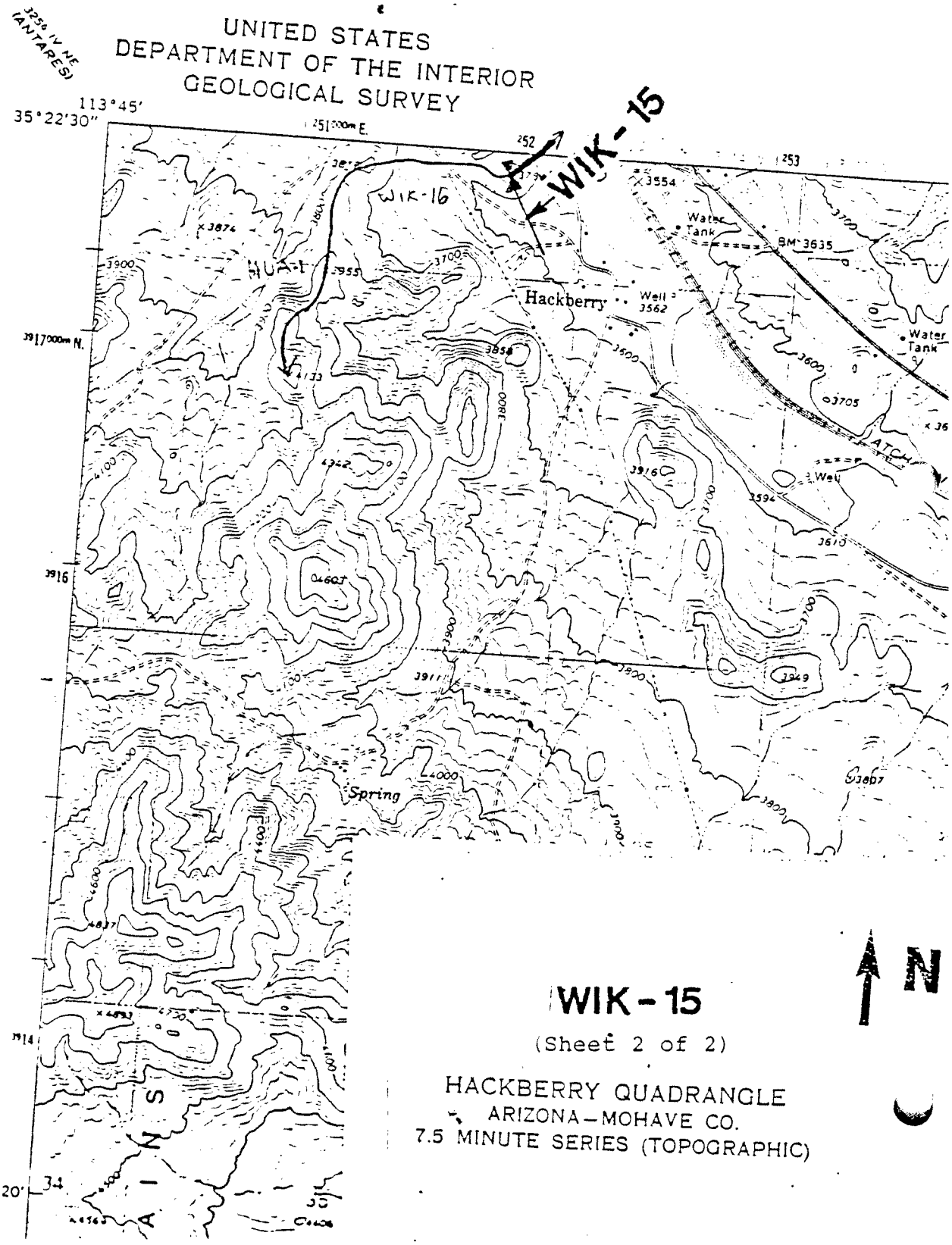
UTM GRID AND 19
DECLINATION AT

N

# WIK-15

(Sheet 1 of 2)

VALENTINE QUADRANGLE
ARIZONA–MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




**WIK-15**

(Sheet 2 of 2)

HACKBERRY QUADRANGLE
ARIZONA–MOHAVE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

BILL WILLIAMS BASIN
ALAMO RESERVOIR SUB-BASIN - ALM

ALM-1 The topographic divide separating the sub-basin from the McMullen Valley Basin.

ALM-2 See attached map.

ALM-3 The topographic divide separating the sub-basin from the McMullen Valley Basin.

ALM-4 The topographic divide separating the sub-basin from the Hassayampa Basin.

ALM-5 See SAM-5, SAM-6, SAM-7, SAM-8 and SAM-9.

ALM-6 See BUR-4, BUR-5 and BUR-6.

ALM-7 The topographic divide separating the sub-basin from the Big Sandy Basin.

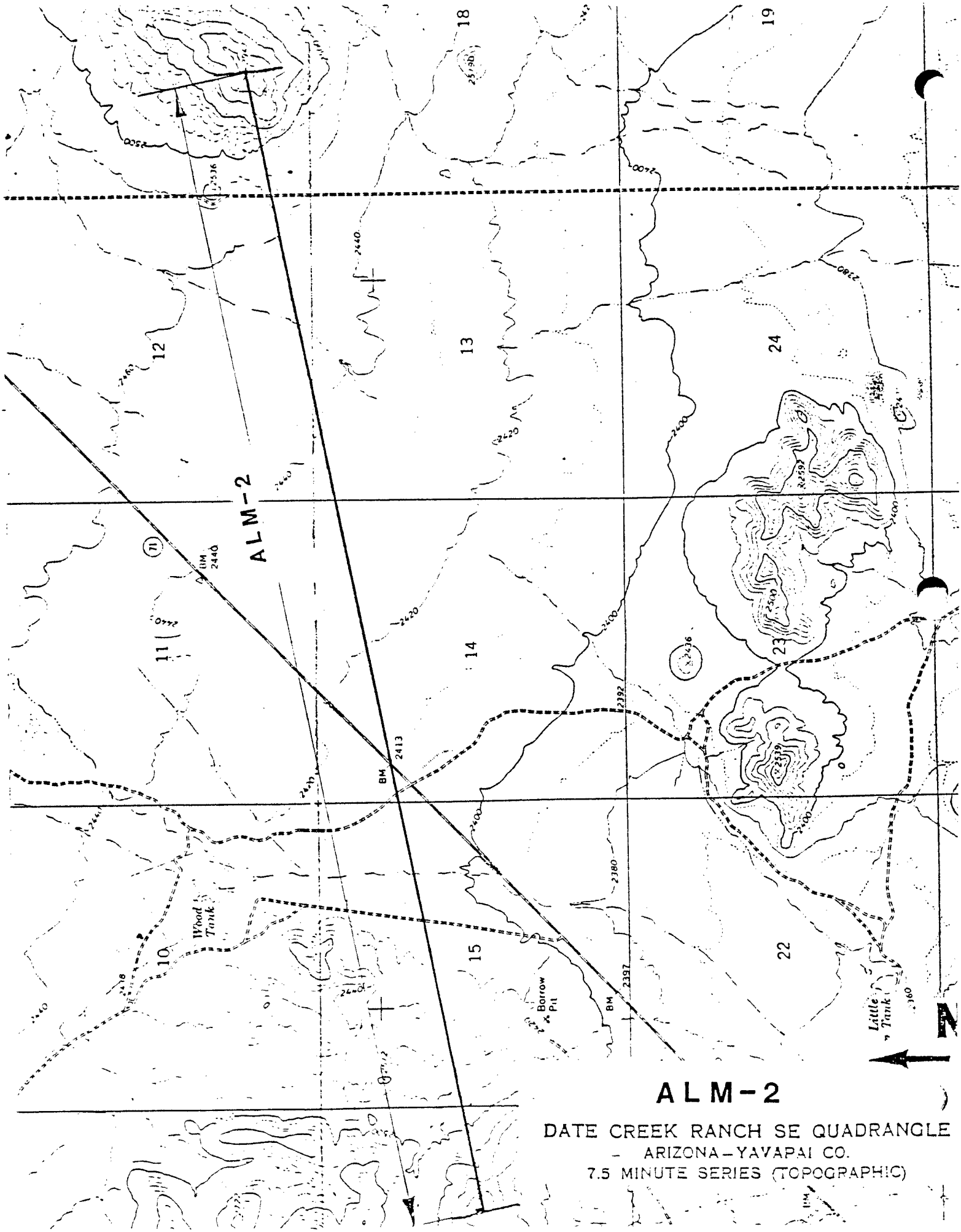
ALM-8 See attached map.

ALM-9 The topographic divide separating the sub-basin from the Big Sandy Basin.

ALM-10 The topographic divide separating the sub-basin from the Sacramento Valley Basin.

ALM-11 The topographic divide separating the sub-basin from the Clara Peak Sub-Basin and crossing the Bill Williams River at Alamo Dam.

ALM-12 The topographic divide separating the sub-basin from Butler Valley Basin.

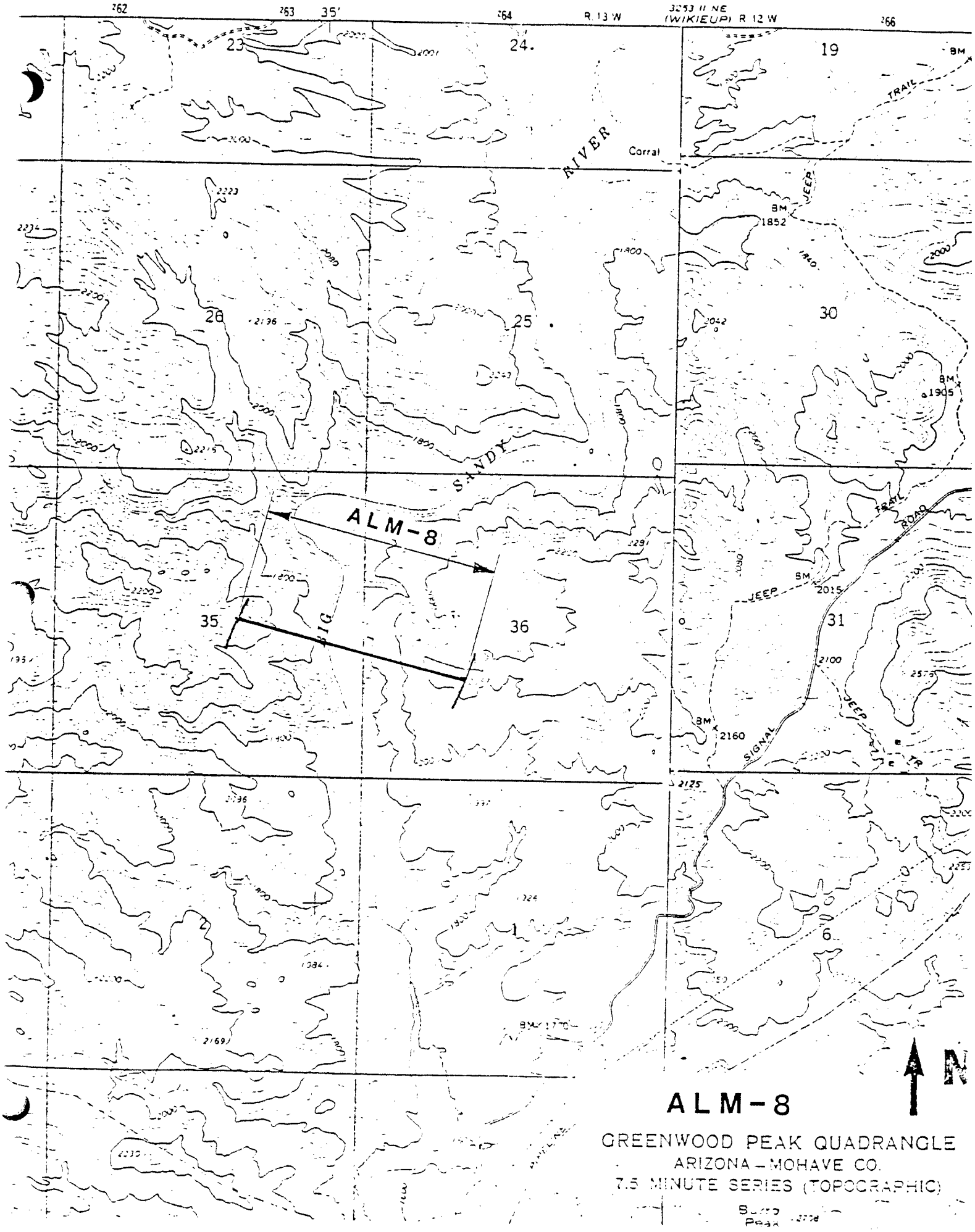



# ALM-2

DATE CREEK RANCH SE QUADRANGLE

ARIZONA–YAVAPAI CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)




ALM-8

GREENWOOD PEAK QUADRANGLE

ARIZONA – MOHAVE CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

BILL WILLIAMS BASIN
BURRO CREEK SUB-BASIN - BUR

BUR-1 The topographic divide separating the sub-basin from the Santa Maria Sub-Basin.

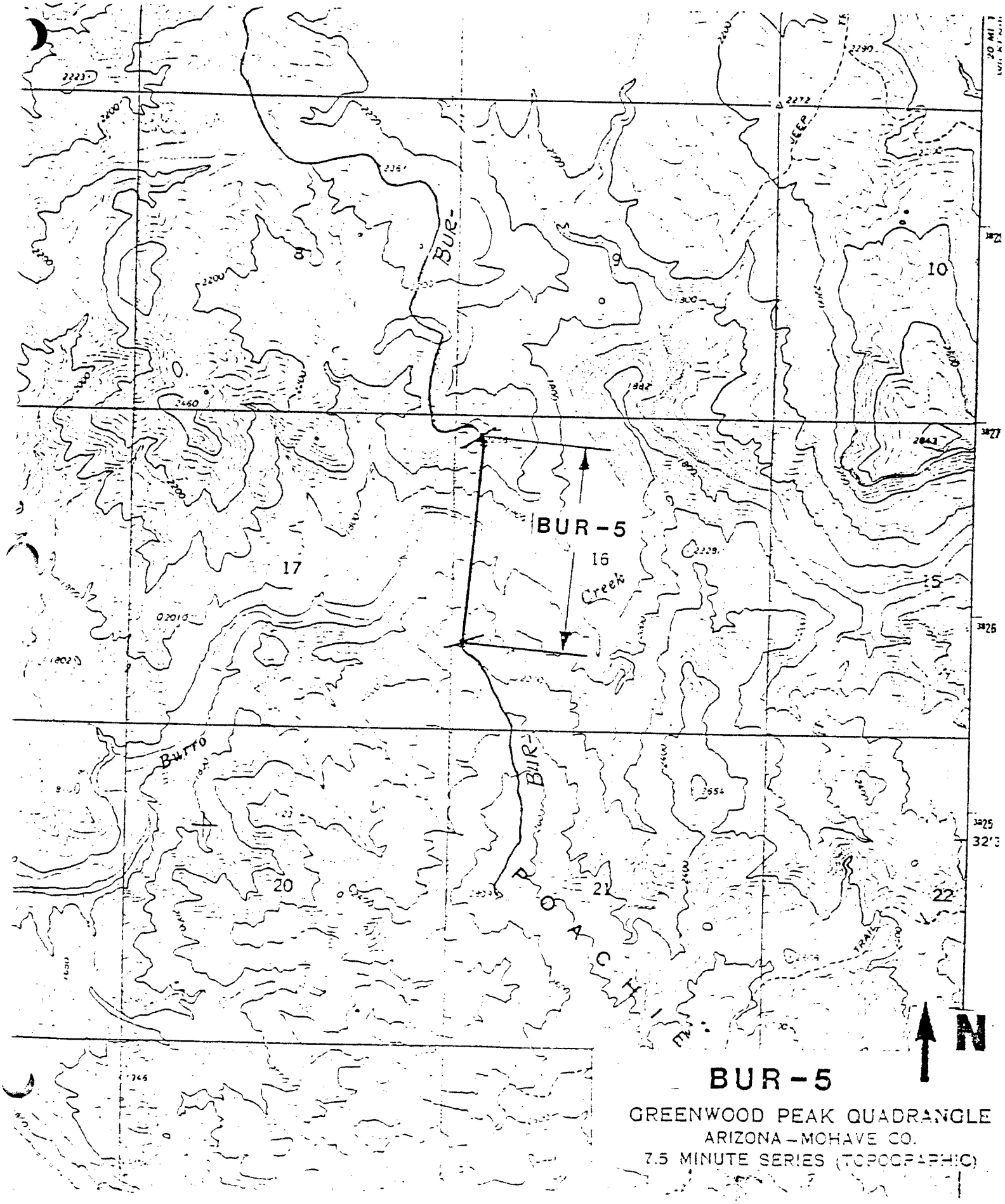
BUR-2 The topographic divide separating the sub-basin from the Verde River Basin.

BUR-3 The topographic divide separating the sub-basin from the Big Sandy Basin.

BUR-4 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin.

BUR-5 See attached map.

BUR-6 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin.




BUR-5

GREENWOOD PEAK QUADRANGLE

ARIZONA—MOHAVE CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

BILL WILLIAMS BASIN

CLARA PEAK SUB-BASIN - CPK

CPK-1 The topographic divide separating the sub-basin from the Butler Valley Basin.

CPK-2 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin, crossing the Bill Williams River at Alamo Dam.

CPK-3 The topographic divide separating the sub-basin from Sacramento Valley Basin.

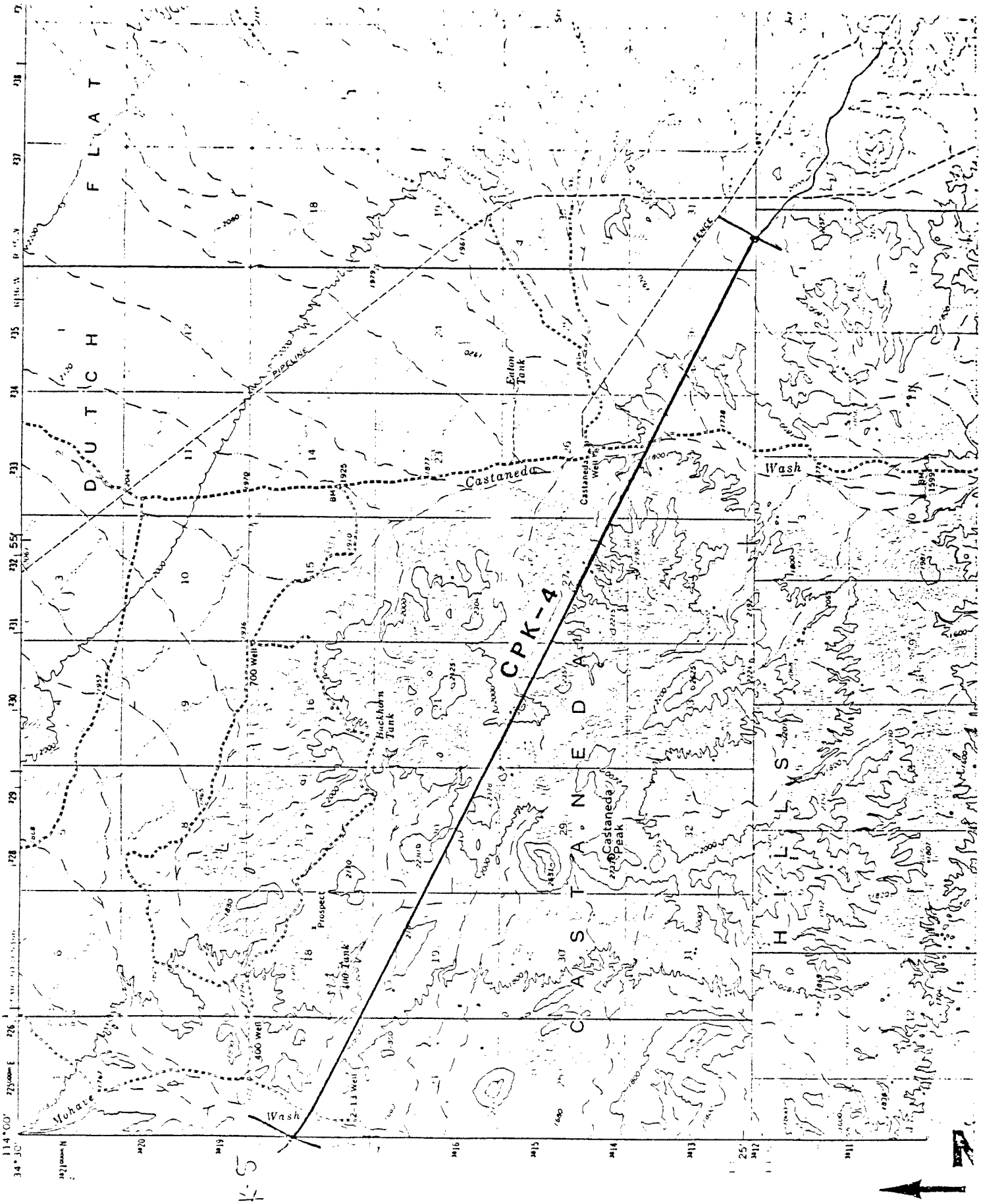
CPK-4 See attached map.

CPK-5 The topographic divide separating the sub-basin from Sacramento Valley Basin.

CPK-6 The topographic divide separating the sub-basin from the Lake Havasu Basin.

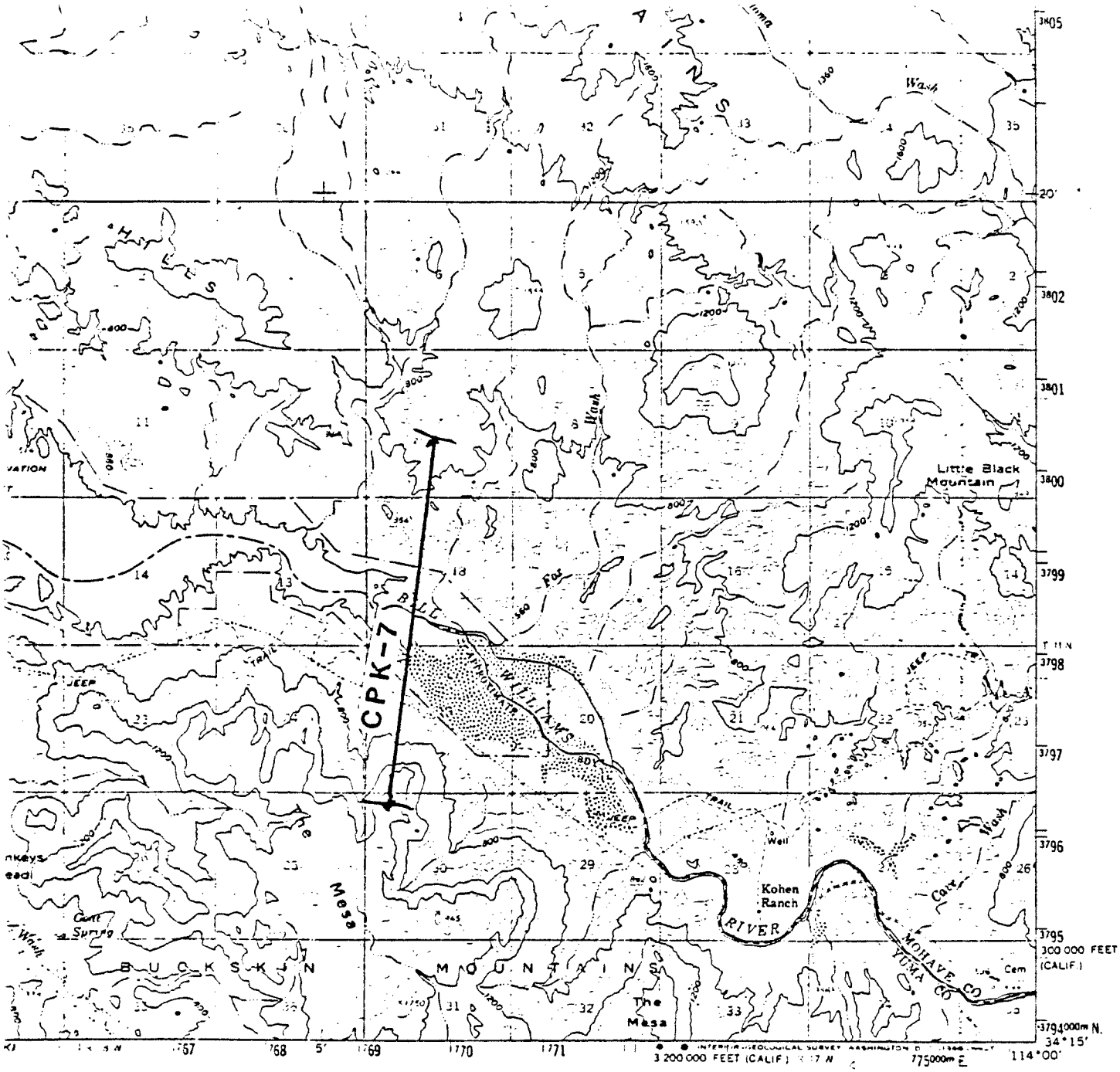
CPK-7 See attached map.

CPK-8 The topographic divide separating the sub-basin from the Parker Basin.



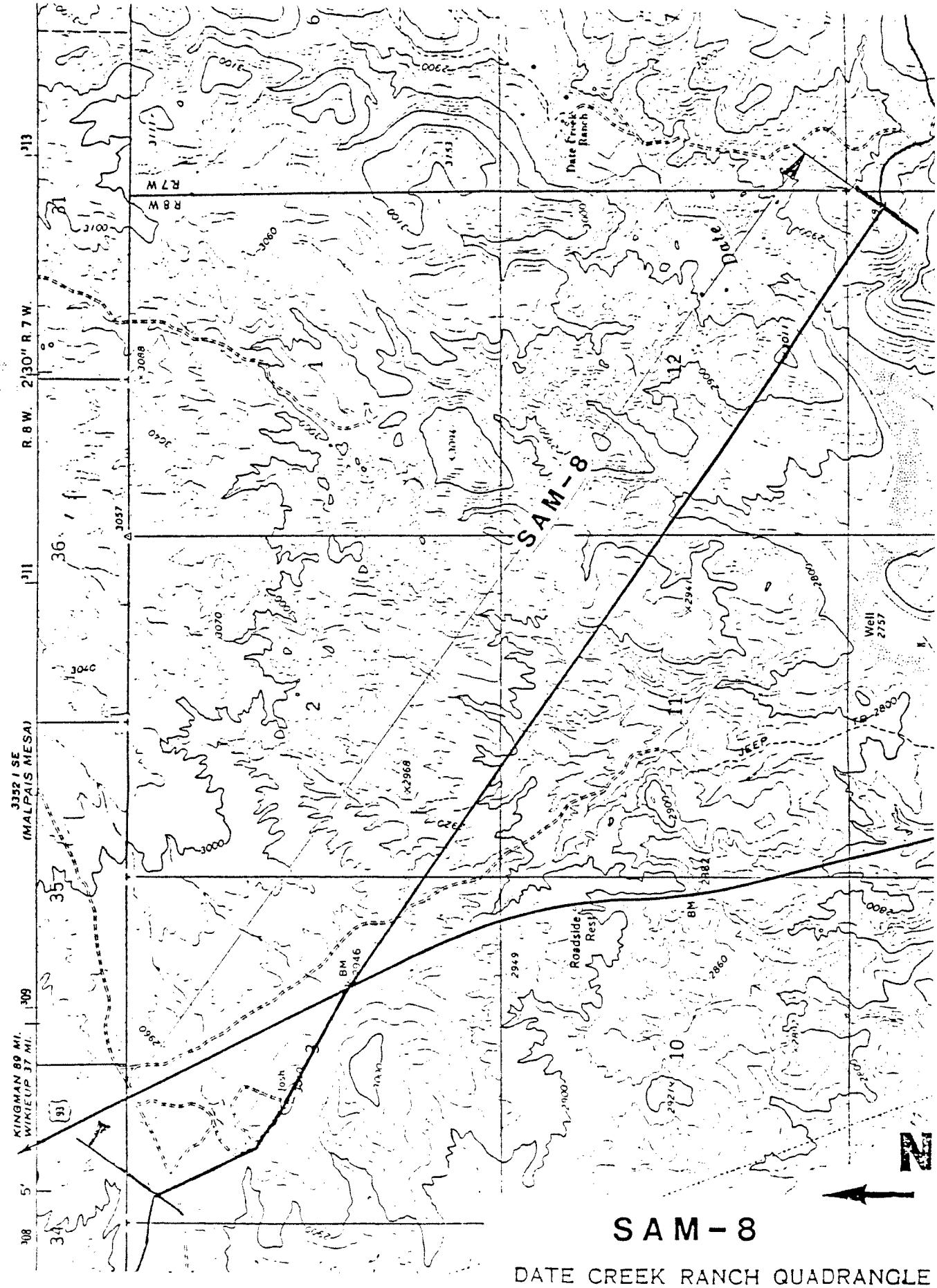

# CPK-4

CASTANEDA HILLS QUADRANGLE
ARIZONA
15 MINUTE SERIES (TOPOGRAPHIC)




# CPK-7

PARKER DAM QUADRANGLE
ARIZONA–CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)




# SAM-8

DATE CREEK RANCH QUADRANGLE
ARIZONA—YAVAPAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

**BILL WILLIAMS BASIN**
**SKULL VALLEY SUB-BASIN - SKL**

SKL-1 The topographic divide separating the sub-basin from the Hassayampa Basin.

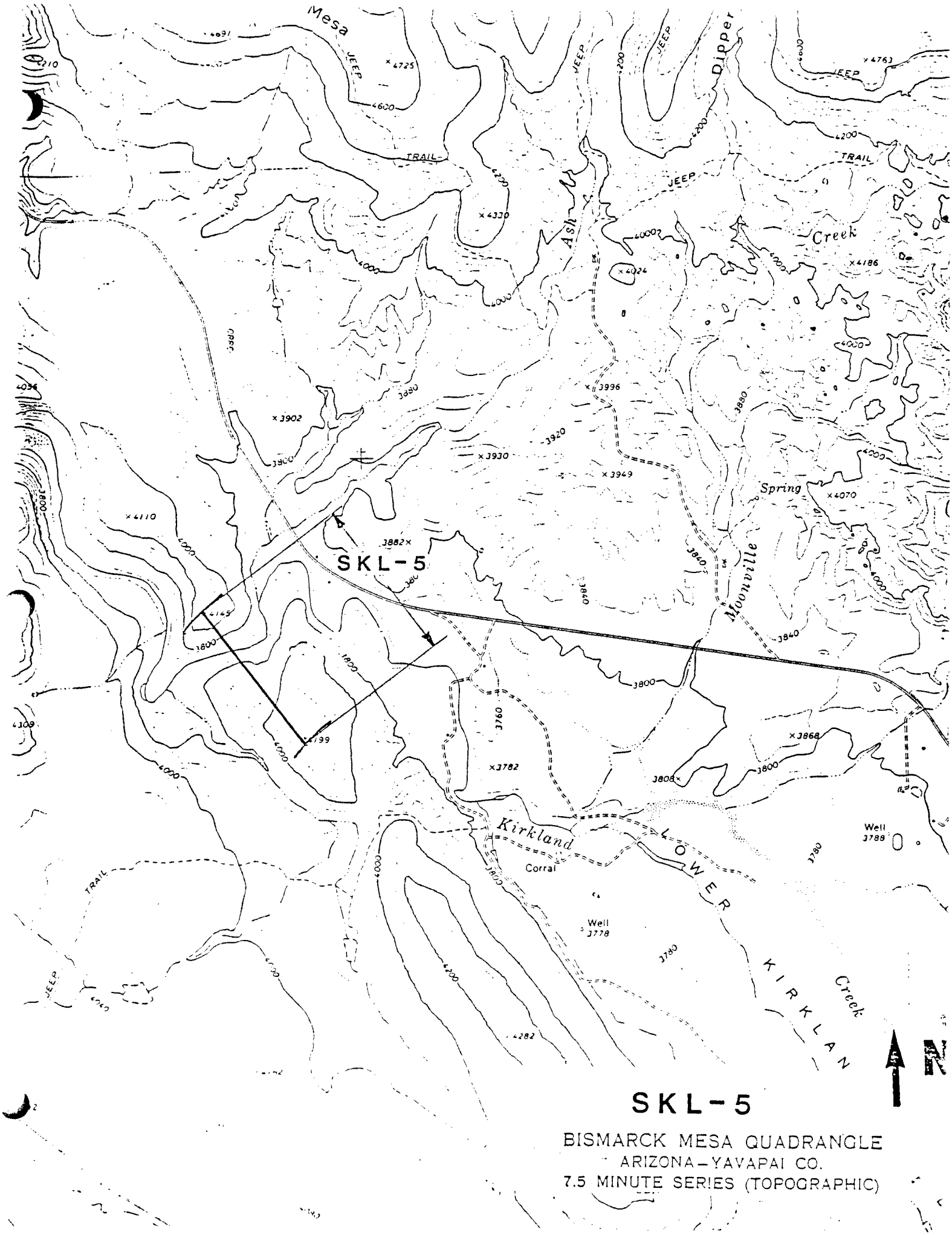
SKL-2 The sub-basin boundary coincident with the Prescott Active Management Area boundary.

SKL-3 The topographic divide separating the sub-basin from the Verde River Basin.

SKL-4 The topographic divide separating the sub-basin from the Santa Maria Sub-Basin.

SKL-5 See attached map.

SKL-6 The topographic divide separating the sub-basin from the Santa Maria Sub-Basin.




# SKL-5

BISMARCK MESA QUADRANGLE
ARIZONA–YAVAPAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

## BONITA CREEK BASIN - BNA

BNA-1 The drainage divide separating the basin and the Safford Basin.

BNA-2 See attached maps.

BNA-3 The drainage divide separating the basin and the Black River Sub-Basin of the Salt River Basin.

BNA-4 The drainage divide separating the basin and the Morenci Basin.

BNA-5 See attached map.

BILL WILLIAMS BASIN
SANTA MARIA SUB-BASIN - SAM

SAM-1 The topographic divide separating the sub-basin from the Upper Hassayampa Basin.

SAM-2 See SKL-4, SKL-5 and SKL-6.

SAM-3 The topographic divide separating the sub-basin from the Verde River Basin.

SAM-4 The topographic divide separating the sub-basin from the Burro Creek Sub-Basin.

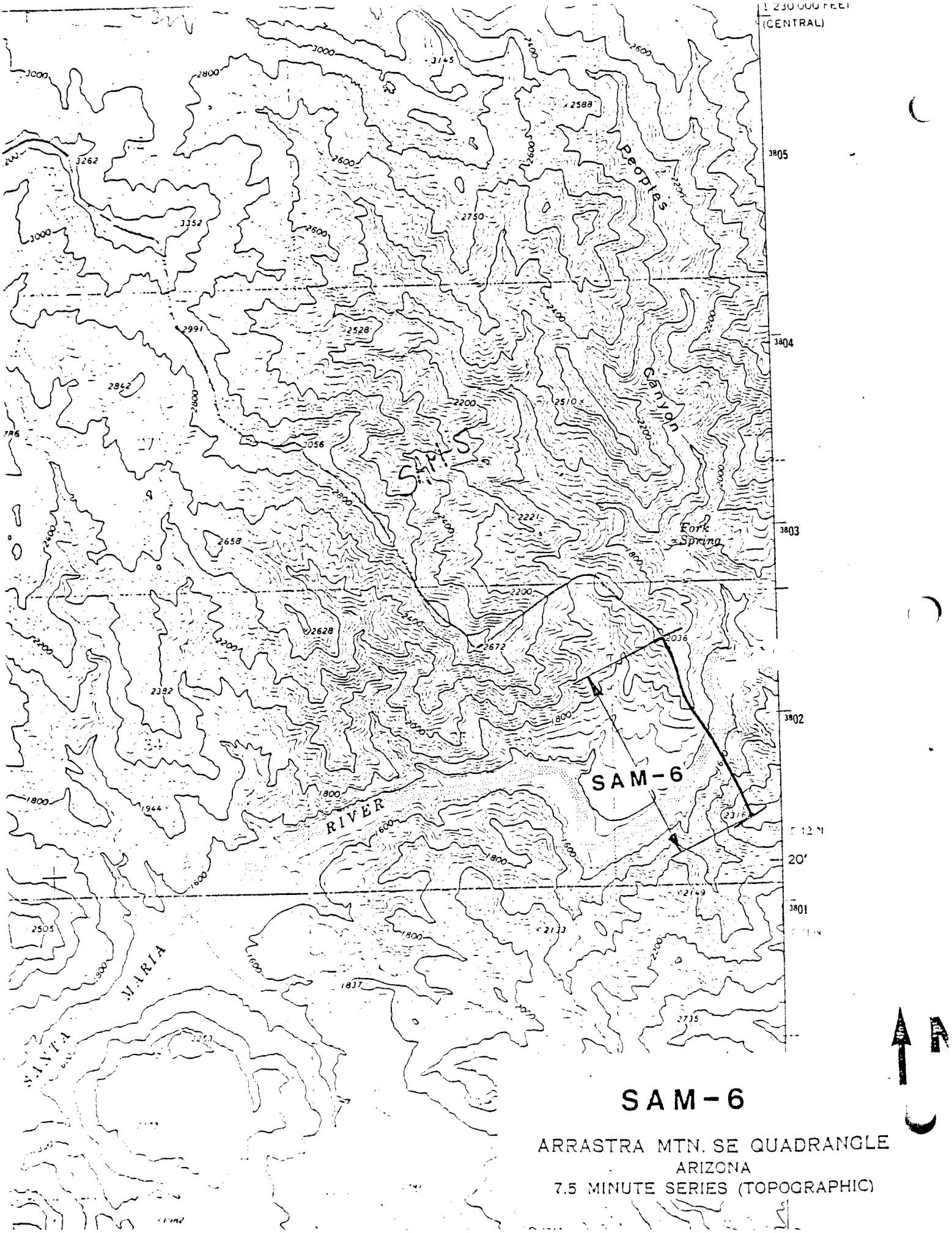
SAM-5 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin.

SAM-6 See attached map.

SAM-7 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin.

SAM-8 See attached map.

SAM-9 The topographic divide separating the sub-basin from the Alamo Reservoir Sub-Basin.




# SAM-6

ARRASTRA MTN. SE QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)