

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

---

DEPENDENT RESURVEY

---

OF A PORTION OF THE NORTHEAST BOUNDARY

---

OF THE GILA RIVER INDIAN RESERVATION,

---

BETWEEN THE 2 1/2 AND 3 1/2 MILE POSTS,

---

IN

---

TOWNSHIPS 1 SOUTH, RANGES 1 AND 2 EAST

---

Of the Gila and Salt River Meridian,  
In the State of Arizona

---

EXECUTED BY  
Stephen K. Hansen, Cadastral Surveyor

---

Under Special Instructions dated February 15, 1994, approved February 15, 1994, which provided for the surveys included under Group Number 768 and assignment instructions dated February 16, 1994.

Survey commenced February 19, 1994  
Survey completed March 1, 1994

INDEX DIAGRAM

TOWNSHIPS 1 SOUTH, RANGES 1 and 2 EAST,

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

2 1/2 M.P. to 3 M.P.  
 3 M.P. to 3 1/2 M.P.

pp. 4-5  
 pp. 5-6

## Gila River Indian Reservation Boundary

CHAINS

The following field notes are those of the dependent resurvey of a portion of the northeast boundary of the Gila River Indian Reservation, between the 2 1/2 and 3 1/2 mile posts, Townships 1 South, Ranges 1 and 2 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this dependent resurvey is as follows: Herbert R. Patrick surveyed the northeast boundary of the Gila River Indian Reservation in 1899. Guy P. Harrington dependently resurveyed the northeast boundary of the Gila River Indian Reservation in 1910-12.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated February 15, 1994, for Group No. 768, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the latest record. The retracement data were thoroughly verified and only the true line field notes are given herein.

This survey was performed at the request of the Chief, Cadastral Field Section, Branch of Cadastral Surveys, Arizona State Office, Bureau of Land Management, as a result of an inquiry from the Federal Public Defender, District of Arizona, dated January 27, 1994. The purpose of this survey was to provide a detailed description of the relationship of the Gila River Indian Reservation to certain physical objects designated by the Federal Public Defender.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Lietz Set 4A total station electronic instrument.

The geographic position of the 3 1/2 mile post of the Gila River Indian Reservation, Township 1 South, Range 2 East, was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation station "Initial Monument" was used as the control station.

Latitude: 33°21'08.93" N. Longitude: 112°11'48.19" W. NAD 27

The mean magnetic declination as taken from quadrangle map LAVEEN, ARIZ., published in 1952 by U.S. Geological Survey, is 13 1/2° E.

Dependent Resurvey of a Portion  
of the Northeast Boundary  
of the Gila River Indian Reservation

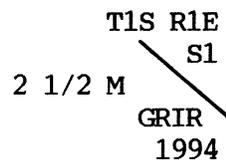
CHAINS

Restoring the survey executed by  
Guy P. Harrington, in 1910-1912

Beginning at the 2 1/2 mile post, monumented with a gray granite stone, 27 x 10 x 7 ins., firmly set, 24 ins. below the surface of the ground, mkd. 2 1/2 M on the NE face, and GRIR on the SW face.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.



from which

A forked mesquite, 9 ins. diam., bears S. 48 1/2° W., 49 lks. dist., mkd. X BT.

The concrete base of a power line tower, 6 ft. diam., 2 ft. high, bears N. 32 1/4° W., 474.5 lks. dist., with X BO chiseled on the top face.

Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Deposit the mkd. stone alongside the stainless steel post.

Set a steel fence post alongside the stainless steel post.

Cor. is located 15 lks. S. of an earthen canal, 10 lks. wide, 5 ft. deep, drains NW.

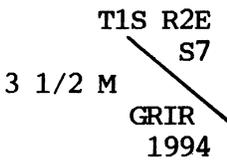
S. 40°58' E., along the third mile of the northeast bdy. of the Gila River Indian Reservation.

Along the S.W. bank of an earthen canal, and along an ancient steel post fence line.

Dependent Resurvey of a Portion  
of the Northeast Boundary  
of the Gila River Indian Reservation

<p>CHAINS 3.46</p>	<p>A standard brass tablet, 3 1/2 ins. diam., firmly set, in concrete, flush with the ground, mkd. Gila River Indian Reservation Community Survey US 19 BIA, bears West, 2 lks. dist. This monument was set by Mr. William Thompson Talbow, R.L.S. 7914, date unknown. Mr. Talbow was contacted by telephone and purports this monument to be a perpetuation of the closing cor. of secs. 1 and 12, established by Herbert R. Patrick, U.S. Deputy Surveyor, in 1899. This information was not verified within the scope of this work, and the tie is given for informational purposes only.</p>
<p>4.54</p>	<p>The S.W. corner of the westerly end of a concrete headgate, 3 x 2 x 2 ft. high, bears N. 49°02' E., (perpendicular to the reservation boundary), 18.0 ft. dist. The bearing of the long side is N. 50° W. This physical object was identified as being of particular interest to the Federal Public Defender.</p>
<p>5.33</p>	<p>Center line of Dobbins Road, paved, 30 lks. wide, bears E. and N.W.</p>
<p>40.04</p>	<p>Point for the 3 mile post, determined by grant boundary adjustment method; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 38 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p style="margin: 0;">T1S R2E S7 3 M GRIR 1994</p> </div> <p>from which</p> <p>The concrete base of a power line tower, 6 ft. diam., 2 ft. high, bears S. 86° E., 95.5 lks. dist., with X BO chiseled on the top face.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 20°36' W., 48.5 ft. dist., with cap mkd. T1S R2E GRIR 3M RM 48.5 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 1/2 ins. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post alongside the stainless steel post.</p> <p>Cor. is located in an earthen canal, 10 lks. wide, 4 ft. deep, drains N.W.</p>

Dependent Resurvey of a Portion  
of the Northeast Boundary  
of the Gila River Indian Reservation

<p>CHAINS</p> <p>40.00</p>	<p>S. 40°53' E, along the fourth mile of the Gila River Indian Reservation.</p> <p>The 3 1/2 mile post, monumented with a gray granite stone, 36 x 10 x 8 ins., firmly set, 6 ins. below the surface of the ground, mkd. 3 1/2 M GRIR on the S.W. face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  <p>T1S R2E S7 3 1/2 M GRIR 1994</p> </div> <p>from which</p> <p>The concrete side of an irrigation canal, 6 ft. wide, 2 ft. deep, drains N.W., bears S. 1 3/4° E., 92 lks. dist., with X BO chiseled on the side facing N.E., near the top.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 85°38' W., 49.4 ft. dist., with cap mkd. T1S R2E GRIR 3 1/2 M RM 49.4 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 1/2 ins. white plastic case beneath the stainless steel post.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Deposit the mkd. stone alongside the stainless steel post.</p> <p>Set a steel fence post alongside the stainless steel post.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The land encompassed in this resurvey is located about 2 miles westerly of Laveen, Arizona, near the northeast boundary of the Gila River Indian Reservation. Elevation is about 1000 ft. above sea level.</p>
----------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Dependent Resurvey of a Portion  
of the Northeast Boundary  
of the Gila River Indian Reservation

CHAINS

Terrain is very gently rolling. Vegetation in natural areas consists of mesquite and various grasses. Cotton is grown on most of the developed and irrigated land.

Access is by way of Dobbins Road.

Farming and ranching are the principal commercial uses of the area. No mining activity was noted, although sand and gravel operations are numerous in the surrounding area.

The mean magnetic declination is  $13\ 1/2^\circ$  E.

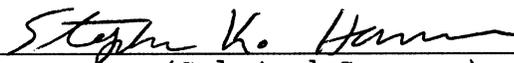


## CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 15th day of February, 1994, I have dependently resurveyed a portion of the northeast boundary of the Gila River Indian Reservation, between the 2 1/2 and 3 1/2 mile posts, in Townships 1 South, Ranges 1 and 2 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

3/10/94

(Date)



(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the northeast boundary of the Gila River Indian Reservation, between the 2 1/2 and 3 1/2 mile posts, in Townships 1 South, Ranges 1 and 2 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAR 11, 1994

(Date)



(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in Tps. 1 S., Rs. 1 and 2 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~
~~(Chief Cadastral Surveyor of Arizona)~~