

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

REMONUMENTATION

OF THE

INITIAL POINT

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

EXECUTED BY

Paul L. Reeves, Cadastral Surveyor
John P. Bennett, Cadastral Surveyor

Under special instructions dated March 9, 1984, approved March 9, 1984

_____, which provided for the surveys included under Survey Group
Number 653 and assignment instructions dated April 4, 1984.

Survey commenced April 5, 1984

Survey completed April 26, 1984

BOOK 5201

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T1N, R1W

T1N, R1E

T1S, R1W

T1S, R1E

Remonumentation of the Initial Point
Gila and Salt River Mer., Arizona

CHAINS

The following field notes describe the remonumentation of the Initial Point for the survey of lands controlled by the Gila and Salt River Meridian, Arizona.

The monument was originally built in 1851 by John R. Bartlett, U.S. Commissioner, U.S. Boundary Commission, while making a reconnaissance for the United States-Mexico Boundary under the 1848 Treaty of Guadalupe-Hidalgo. By letter dated May 24, 1865, John A. Clark, Surveyor General for New Mexico and Arizona, informed I.M. Edwards, Commissioner of the General Land Office, that he had selected the monument as "the initial point for the meridian of that Territory".

In 1934, the U.S. Coast and Geodetic Survey established triangulation station INITIAL, 1934, about 15 feet away from the Initial Point and made ties to it. On December 1, 1944, Ty White, Associate Cadastral Engineer, rebuilt the Initial Point marker. On April 24, 1962, Leonard W. Murphy, Survey Technician, reestablished the Initial Point from the reference monuments described in the field notes made by Ty White in 1944, the monument itself having been destroyed. The 1962 monument has since been vandalized and is in a deteriorated condition.

This assignment was accomplished with the aid of the State of Arizona Land Department, the Salt River Project, the Gila River Indian Community, the Central Chapter Arizona Professional Land Surveyors and the State Association of the Arizona Professional Land Surveyors and the Bureau of Reclamation in recognition of the first annual National Surveyors Week.

The remonumentation was executed in accordance with the specifications set forth in the Manual of Surveying Instruction, 1973, and the Special Instructions for Group No. 653, Arizona, dated March 9, 1984.

The directions of ties to corner accessories refer to the true meridian.

The geographic position of the Initial Point as recorded by U.S.C.&G.S. in 1962 is as follows:

Latitude: 33°22'37.6654" N Longitude: 112°18'19.4416" W

Remonumentation of the Initial Point
restored by Leonard W. Murphy in 1962

The Initial Point monumented with an iron post, 2½ ins. diam., projecting 1 in. above a pyramidal shaped concrete block, 8 x 10 x 19 ins. above ground, with brass cap mkd. as described in the official field notes of the 1962 remonumentation by Leonard W. Murphy. The engraved granite stone plaque described in the 1962 remonumentation field notes has been removed by vandals.

from which

Remonumentation of the Initial Point
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U.S. Corps of Engineers survey station "TT ZW 9(AMS)", bears N 68°38' W, 14.78 ft. dist., monumented with a brass tablet, 3 ins. diam., set in concrete flush with the ground, mkd. TT ZW 9 ARMY MAP SERVICE 1961. (1962 record: N 68°00' W, 14.80 ft.)

Removed the iron post and at the cor. point

Set a stainless steel tablet, 3¼ ins. diam., with an 8 in. stem, in the center of a concrete structure, 5 ft. diam., 6 ins. high, with 2 x 1½ ft. rays extending N, E, S and W, with blue tile extending from the center through each ray, with the top mkd.

T1N		
RIW		R1E
S36		S31
S 1		S 6
T1S		
1984		

from which Detectable Electronically Energized Particles (DEEP-1 TM), 1 in. diam., 2½ ins. long, used as accessories

A DEEP-1, metallic silver, set 12 ins. under ground, bears N 45¾° E, 20.00 ft. dist.

A DEEP-1, florescent purple, set 12 ins., under ground, bears S 44¼° E, 20.0 ft. dist.

A DEEP-1, florescent blue, set 12 ins. under the ground, bears S 45¾° W, 20.0 ft. dist.

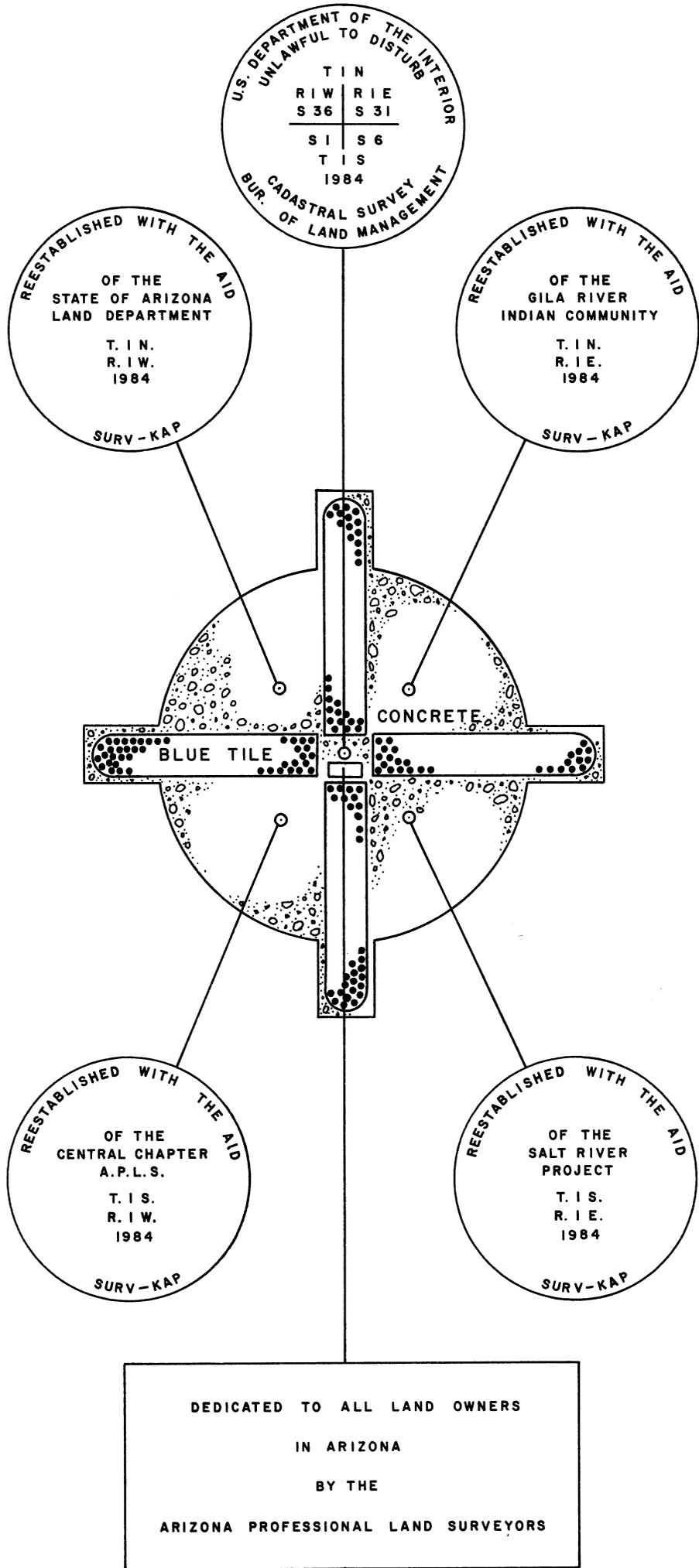
A DEEP-1, florescent orange, set 12 ins. under ground, bears N 44¼° W, 20.0 ft. dist.

Destroyed the 1962 monument.

Set a stainless steel plaque, 6 x 4 ins., with an 8 in. long stem, flush with the concrete structure, south of the Initial Point, and stainless steel tablets, 3¼ ins. diam., with 8 in. stems, flush with the concrete structure, located in each quadrant, inscribed as shown on the enclosed diagram.

Remonumentation of the Initial Point
Gila and Salt River Mer., Arizona

CHAINS



CERTIFICATE OF SURVEY

We, Paul L. Reeves and John P. Bennett, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 9th day of March, 1984, We have remonumented the Initial Point of the Gila and Salt River Meridian, in the State of Arizona, which is represented in the foregoing field notes as having been executed by us and under our 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.

APR 27 1984

(Date)

Paul L. Reeves
(Cadastral Surveyor)

APR 27 1984

(Date)

John P. Bennett
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

Arizona State Office
Bureau of Land Management
Phoenix, Arizona

The foregoing field notes of the remonumentation of the Initial Point, Gila and Salt River Meridian, Arizona, executed by Paul L. Reeves and John P. Bennett, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

APR 27 1984

(Date)

James P. Kelley
(Chief Cadastral Surveyor of Arizona)