

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

Leonard W. Murphy, Survey Technician

Under special instructions dated April 11, 1962, which provided
for the surveys included under Group No. 371, approved April 16, 1962
and assignment instructions dated April 16, 1962

Survey commenced April 24, 1962

Survey completed April 24, 1962

1A

BOOK 4642

INDEX DIAGRAM

Township _____, Range _____



F. Wayne Forrest, local chief of engineering division, U.S. Bureau of Land Management studies land survey monument atop hill south of 115th Avenue. In background are Valley farmlands.

REMONUMENTATION OF THE INITIAL POINT,
GILA AND SALT RIVER MERIDIAN, ARIZONA

1.3

Chains

The monument was originally built in 1851 by Bartlett while making a reconnaissance for the United States-Mexico boundary under the Treaty with Mexico of Guadalupe-Hidalgo. A. B. Gray, U. S. Surveyor, selected the monument as the Initial Point for the Territory of Arizona in 1865, and the rectangular surveys were initiated from it by William H. Pierce, Deputy Surveyor in 1867. The U.S.C. & G.S. established a triangulation station, Initial 1934, close to the Initial Point and made ties to it in 1934. Ty White, Associate Cadastral Engineer, rebuilt the marker for the Initial Point and made ties to the C. & G.S. station and reference marks in 1944.

The remonumentation was made as an administrative measure to restore the original location, the earlier monument having been destroyed in recent years.

The geographic position of the Initial Point is: Latitude $33^{\circ}22'37.710''$ North and Longitude $112^{\circ}18'19.472''$ West.

REESTABLISHMENT OF THE INITIAL POINT,
MONUMENTED BY TY WHITE IN 1944

The Initial Point is restored from reference monuments described in the notes made by Ty White in 1944.

The original reference points

A brass tablet, 3 ins. diam., set in a concrete monument, mkd. CORPS OF ENGINEERS-U.S. ARMY SURVEY MARK, bears $N.68^{\circ}00'W.$, 22.42 lks. dist. This tablet has replaced the U.S.C. & G.S. tablet set for the triangulation station, Initial.

Reference No. 1, a drill hole where brass tablet was set, bears $S.27^{\circ}19'W.$, 19.54 lks. dist.

Reference No. 2, a brass tablet, 3 ins. diam., cemented into an exposed ledge of rock, mkd. INITIAL NO. 2 1934, bears $N.60^{\circ}35'W.$, 76.24 lks. dist.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, surrounded by concrete and in a concrete pyramidal shaped block, 8 x 9 x 20 ins., with brass cap mkd.

T1N
R1W R1E
S36 | S31
S 1 | S 6
T1S
1962

A granite stone plaque, 8 ins. wide, 9 ins. long, 2 ins. thick was set in the concrete of the pyramid on its S. face, engraved:

NOTICE
INITIAL POINT
ARIZONA LAND
SURVEY 1867
MARKED MEXICAN
BORDER IN 1851
DO NOT MOLEST
U.S.D.I. BLM
RESET 1962

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BOOK 4642

CERTIFICATE OF CADASTRAL ENGINEER

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 11th day of April, 1962,

I have ~~surveyed~~ remonumented the initial point

of the G. & S. R. 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 instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing
field notes.

April 26, 1962

Leonard W. Murphy
Leonard W. Murphy

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., AUG 3 1962, 19____

The foregoing field notes of the ~~survey of~~ remonumentation of the initial point,
Gila and Salt River Meridian, Arizona

executed by Leonard W. Murphy, Survey Technician
having been critically examined and found correct, are hereby approved.

E. J. Lemington
Cadastral Engineering Staff Officer,
Chief, Division of Engineering

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
_____, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.