

Form 4-679  
(January 1963)

BOOK 4712  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of

REMONUMENTATION

in

Township 21 North, Range 1 West

Of the Gila & Salt River Meridian,

In the State of Arizona.

EXECUTED BY

Lester S. Mann, Cadastral Surveyor

Under special instructions dated June 22, 19 64, which provided for the surveys included under Group Number 417, approved June 22, 1964, and assignment instructions dated June 22, 19 64.

Survey commenced July 21, 19 64

Survey completed September 4, 19 64

1A

BOOK 4712  
INDEX DIAGRAM

Township 21 North, Range 1 West,

|    |          |          |    |    |    |
|----|----------|----------|----|----|----|
| 6  | 5<br>3 4 | 4<br>1 2 | 3  | 2  | 1  |
| 7  | 8<br>2 3 | 1 9      | 10 | 11 | 12 |
| 18 | 17       | 16       | 15 | 14 | 13 |
| 19 | 20       | 21       | 22 | 23 | 24 |
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CHAINS

The boundaries and the subdivisional lines of Township 21 North, Range 1 West, Gila & Salt River Meridian, Arizona, were surveyed in 1883 by J. T. Smith. A portion of the south boundary was resurveyed in 1909 by A. N. Oliver.

The following field notes are those of remonumentation of cadastral survey corners by agreement with the U. S. Forest Service. The detailed cooperative agreement was approved by the Director, Bureau of Land Management, by memorandum (5.04b) dated October 16, 1958.

The approval of the Special Instructions on June 22, 1964 gave authority to proceed with the remonumentation in accordance with the Director's Order No. 54, dated April 21, 1954.

The assistants furnished by the Forest Service, remonumented the original corner positions after verification. An open site Dietzen compass was used to obtain the bearings and a standard steel tape was used to measure the distances.

The  $\frac{1}{4}$  sec. cor. of secs. 8 and 9 is monumented by a malpais stone, 6 X 6 X 9 ins., loosely set in a collar of stones, with faint marks on the N.

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with a collar of stones to the top, with brass cap mkd.

T21NRLW

$\frac{1}{4}$   
S8 | S9

1964

from which

A juniper, 12 ins. diam., bears N. 19° E., 105 lks. dist., mkd. BT

A juniper, 8 ins. diam., bears N. 89° W., 38 lks. dist., mkd.  $\frac{1}{4}$ S8BT

Bury the original corner stone alongside the iron post.

Cor. is 6 lks. W. of a N. and S. fence and about 15 chs. N. of U. S. Hwy. 66.

The cor. of secs. 4, 5, 8 and 9 is monumented by a malpais stone, 5 X 8 X 20 ins., firmly set in a collar of stones, mkd. with 5 notches on the S. and 4 notches on the E., from which the original bearing trees

A juniper, 30 ins. diam., bears S. 86° E., 46 lks. dist., mkd. on a limb TXXLNRLWSLXBT

A dead juniper, 30 ins. diam., bears S. 62° W., 69 lks. dist., mkd. on a limb SV1111BT, only mks. visible

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, with collar of stones to the top, with brass cap mkd.

CHAINS

T21NRLW

S5 | S4

S8 | S9

from which

1964

A juniper, 8 ins. diam., bears N. 13° E., 51 lks. dist., mkd. T21NRLWS4BT

A juniper, 4 ins. diam., bears S. 26° E., 8 lks. dist., mkd. BT

A juniper, 6 ins. diam., bears S. 36° W., 35 lks. dist., mkd. S8BT

A juniper, 6 ins. diam., bears N. 75° W., 39 lks. dist., mkd. BT

Bury the original corner stone alongside the iron post.

Cor. is on a S. slope about 5 chs. N. of old U. S. Hwy. 66 which bears S. 80° W. and N. 80° E.

The  $\frac{1}{4}$  sec. cor. of secs. 4 and 9 is monumented by a malpais stone, 4 X 9 X 12 ins., loosely set in a collar of stones, mkd.  $\frac{1}{4}$  on the N., from which an original bearing tree

A juniper, 20 ins. diam., bears S. 67° W., 39 lks. dist., mkd.  $\frac{1}{4}$ S8BT

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with a collar of stones to the top, with brass cap mkd.

T21NRLW

$\frac{1}{4}$  | S4

S9

from which

1964

A juniper, 5 ins. diam., bears S. 24° E., 8 lks. dist., mkd.  $\frac{1}{4}$ S9BT

A juniper, 6 ins. diam., bears N. 65° W., 25 lks. dist., mkd.  $\frac{1}{4}$ S4BT

Bury the original corner stone alongside the iron post.

Cor. is in an almost level area about 10 chs. S. of old U. S. Hwy. 66.

The cor. of secs. 7, 8, 17 and 18 is monumented by a malpais stone, 5 X 10 X 14 ins., firmly set in a collar of stones, mkd. with 4 notches on the S. and 5 notches on the E., from which the remains of the original bearing trees

Hole where tree stood, bears N. 24° E., 101 lks. dist., tree has been pushed and is mkd. TXX1NRLW SV111BT, a juniper, 16 ins. diam.

Hole where tree stood, bears S. 29° W., 78 lks. dist., tree has been pushed and only parts of the scribe marks are visible, a juniper 14 ins. diam.

At the cor. point

CHAINS

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with a collar of stones to the top, with brass cap mkd.

T21NRLW  
S7 | S8  
S18 | S17  
1964

No new bearing trees available.

Bury the original corner stone alongside the iron post.

Cor. is in an almost level area about ½ mile S. of U. S. Hwy. 66.

The ¼ sec. cor. of secs. 8 and 17 is monumented by a malpais stone, 6 X 6 X 12 ins., loosely set in a collar of stones, mkd. ¼ on the N., from which the remains of the original bearing trees

Hole where tree stood, bears S. 80° E., 57 lks. dist., tree has been pushed and is mkd. ¼ SBT, a juniper 16 ins. diam.

A burned juniper stump, bears N. 63° W., 163 lks. dist.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T21NRLW  
¼ S8  
S17  
1964

No new bearing trees available.

Bury the original corner stone alongside the iron post.

Corner is 4 lks. W. of a fence and about ½ mile S. of U. S. Hwy. 66.

The cor. of secs. 5, 6, 7 and 8, is monumented by a malpsis stone, 5 X 14 X 24 ins., firmly set in a collar of stones, mkd. with 5 notches on the S. and E.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with a collar of stones to the top, with brass cap mkd.

T21NRLW  
S6 | S5  
S7 | S8  
1964

from which

A juniper, 6 ins. diam., bears N. 48° E., 33 lks. dist., mkd. S5BT

A juniper, 6 ins. diam., bears S. 58° E., 170 lks. dist., mkd. S8BT

A juniper, 5 ins. diam., bears S. 19° W., 66 lks. dist., mkd. S7BT

CHAINS

A juniper, 6 ins. diam., bears N. 69° W., 34 lks. dist., mkd. S6BT

Bury the original corner stone alongside the iron post.

Cor. is in a flat area about 1 ch. N. of a pipe line, bearing S. 70° W. and N. 70° E.

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 8 is monumented by a malpais stone, 8 X 12 X 16 ins., lying loose on a small ledge, mkd.  $\frac{1}{4}$ , with a mound of stones to the W. Corner accepted as it is 3 chs. E. of a deep draw, course SW., given in the original field notes.

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over an + marked in solid rock, with a large collar of stones to the top, with brass cap mkd.

T21NRLW

$\frac{1}{4}$   $\frac{S5}{S8}$

from which

1964

An oak, 6 ins. diam., bears N. 84° E., 55 lks. dist., mkd.  $\frac{1}{4}$ S5BT

A juniper, 8 ins. diam., bears S. 5° W., 35 lks. dist., mkd.  $\frac{1}{4}$ S8BT

Bury the original corner stone alongside the iron post in the collar of stones.

Cor. is on a steep NW. slope of a small but deep canyon.

The official record was found to be in error for many of the distances and bearings for the original bearing trees and with some of the bearing trees being misnamed as to specie. The trees were marked at the time of the original survey which was determined by ring growth count on a few of the trees.

In all places where the original corner monuments appeared to be undisturbed, it was accepted as the true point for the corner.



CERTIFICATE OF SURVEY

I, Lester S. Mann, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22 day of June, 1964,

I have remonumented a portion of the cadastral survey corners in cooperation with the U. S. Forest Service in T. 21 N., R. 1 W.,

of the Gila & 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.

Oct. 19, 1964 (Date)

Lester S. Mann (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date NOV 2 1964

BUREAU OF LAND MANAGEMENT, Washington, D. C.

The foregoing field notes of the remonumentation of a portion of the cadastral survey corners in T. 21 N., R. 1 W., G. & S. R. Meridian, Arizona,

executed by Lester S. Mann, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

APR 20 1965 (Date)

E. E. Remington (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.

(Date)

(Chief, Division of Engineering)