

4261 (1)

Book "F"

4-879  
(April 1933)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD NOTES

BOOK 4261

OF SURVEY OF

WEST AND NORTH BOUNDARIES OF

TOWNSHIP No. 7 SOUTH, RANGE No. 1 WEST

AND

NORTH BOUNDARY

OF TOWNSHIP No. 7 SOUTH, RANGE No. 2 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

TY WHITE

PUBLIC LAND SURVEYOR

Under special instructions dated December 1, 1937, which provided for the surveys included under Group No 197 Arizona, bearing the approval of the Commissioner of the General Land Office under date of January 14, 1938 and assignment instructions dated February 18, 1938.

Survey commenced April 14, 1938

Survey completed April 20, 1938

(Accepted 12-11-42)

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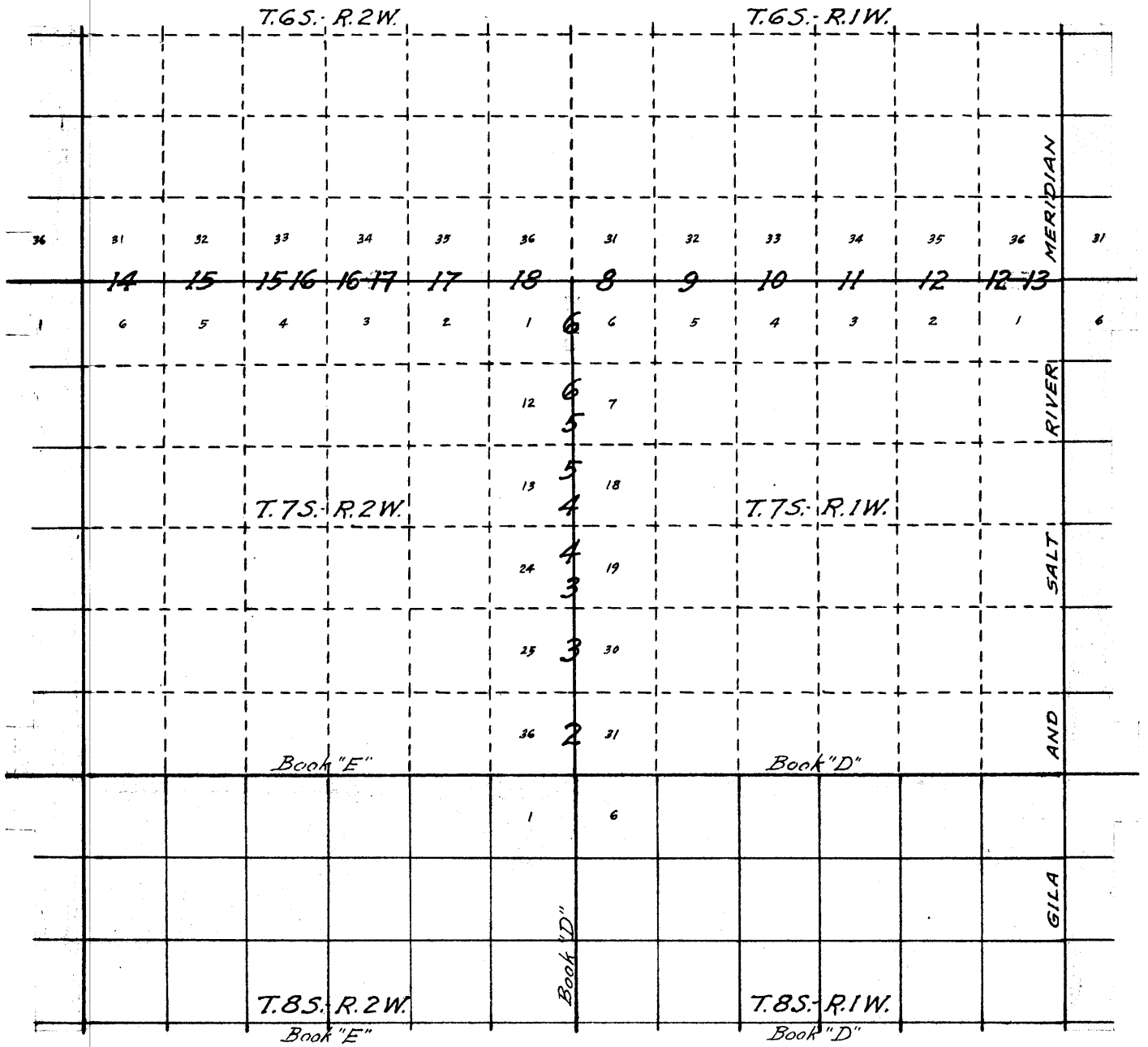
# INDEX DIAGRAM.


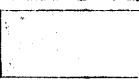
*Township* -----, *Range* -----

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

# INDEX-DIAGRAM.

BOOK 4261



- Lines of accepted surveys.
- Lines surveyed under this group, field notes herein.
- - - - Lines to be surveyed under this group
- Lines surveyed under this group, field notes in Books "D" and "E."
-  Areas surveyed under this group.
-  Areas surveyed as per accepted plats on file.

BOOK 4261

1b

The surveys herein described were executed by Ty White, Public Land Surveyor, using Buff and Buff transit No. 18002. This instrument is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office.

The instrument was examined and tested by the District Cadastral Engineer for Arizona and California prior to the beginning of the surveys of this group, and was approved conditional upon satisfactory results of field tests of same.

The azimuths of all of the lines of survey herein described were determined with the solar attachment.

All measurements were made with a Dietzgen steel tape, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard tape and found correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in these field notes.

#### PRELIMINARY FIELD TEST OF INSTRUMENT.

April 10, 1938; at camp near cor. of secs. 2, 3, 10 and 11, T.8 S., R.2 W., G. & S.R. Meridian, Arizona, in latitude  $32^{\circ}45'15''$  N.; longitude  $112^{\circ}26\frac{1}{2}'$  W., examine the adjustments of Buff and Buff transit No. 18002 and find no errors; then, to test the workings of the solar apparatus by comparing its indications with a true meridian determined by Polaris observations at this station on April 7, 1938, as described in field notes of survey of T.8 S., R.2 W., proceed as follows:

At 9h. 00m., a.m., app. t., set off  $32^{\circ}45'$  N. on the latitude arc;  $7^{\circ}53'$  N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of  $7^{\circ}56'$  N. on the declination arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app. t., with the latitude arc unchanged, set off  $7^{\circ}59'$  N. on the declination arc, and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date and prior to beginning the surveys with same which are described in the following field notes.

BOOK 4261

2

Survey: West Boundary of T. 7 S., R. 1 W.

## Chains

From the cor. of Ts.7 and 8 S., Rs.1 and 2 W., established under this group, which is an iron post, 3 ins. in diam., set, marked on brass cap, and witnessed as described in field notes of survey of W. bdy. of T.8 S., R.1 W.,

North, bet. secs. 31 and 36.

Over mountainous land, thru very scattering timber and scattering undergrowth. Desc. 74 ft. over NW. slope.

- 3.30 Bottom of ravine, course NE.; desc. 34 ft. over E. slope.
- 6.26 Low spur, slopes N.20°E.; desc. 76 ft. over NW. slope.
- 10.45 Bottom of ravine, course E. for 2 chs., thence NE. Asc. 55 ft. over SE. slope.
- 12.70 Point of short spur, slopes E.; desc. 110 ft. over broken E. slope
- 26.50 Spur, slopes NE.; desc. 145 ft. over N. slope.
- 34.40 Wash, 8 lks. wide, in bottom of gulch, course NW. Asc. 113 ft. over steep S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S36 | S31  
 1938

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Asc. 120 ft. over steep S. slope.

- 42.40 Short spur, slopes W.; desc. 66 ft. over steep W. slope.
- 46.50 Spur, slopes NW.; desc. 152 ft. over NE. slope.
- 63.60 Bottom of ravine, course E. for 3 chs., thence NE.; heads. 3 chs. W. Asc. 102 ft. over S. slope.
- 68.69 Spur, slopes E.; desc. 160 ft. over broken N. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T7S  
 R2W    R1W  
 S25 | S30  
 S36 | S31  
 1938

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, paloverde, ironwood, and mesquite.  
 Undergrowth, greasewood, sagebrush, cacti, and catclaw.

## Survey: West Boundary of T. 7 S., R. 1 W.

3

Chains	<p>North, bet. secs. 25 and 30.</p> <p>Over heavily rolling land, thru scattering timber and undergrowth. Desc. 65 ft. over N. slope.</p> <p>19.60 Wash, 15 lks. wide; course NE.; asc. 50 ft. over SE: slope.</p> <p>32.16 Point of spur, slopes E.; desc. 44 ft. over NE. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>        S25   S30        1938     </div> <p>No bearing trees available.</p> <p>Raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Desc. 99 ft. over NE. slope.</p> <p>46.60 Wash, 30 lks. wide, in bottom of gulch, in bend, course N. <math>20^\circ</math> E. from S. <math>20^\circ</math> E. Asc. 63 ft. over SE. slope.</p> <p>57.60 Saddle in spur ridge, slopes E. for 3 chs., thence NE. Desc. 126 ft. over broken NE. slope</p> <p>79.85 Wash, 3 lks. wide, in bottom of ravine, course NW. Asc. slightly over S. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in ground to bedrock, with an iron prospector's pick, 10 ins. long, deposited at base, and in a mound of stone to top, for cor. of secs. 19, 24, 25 and 30, with brass cap marked</p> <div style="text-align: center;">       T7S        R2W   R1W        S24   S19        S25   S30        1938     </div> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Land, heavily rolling.        Soil, gravelly and rocky, 4th rate.        Timber, paloverde, ironwood, and mesquite.        Undergrowth, greasewood, sagebrush, cacti and catclaw.</p>
	<p>North, bet. secs. 19 and 24.</p> <p>Over heavily rolling land, thru scattering timber and undergrowth. Asc. 46 ft. over S. slope.</p> <p>4.00 Ridge, bears E. and W.; desc. 92 ft. over NE. slope.</p> <p>8.79 Mine prospect hole bears E. 40 lks. dist.</p> <p>10.45 Dim road, in bend, bears NW. and SW.</p> <p>21.00 Wash, 5 lks. wide, in bottom of ravine, course NW. Asc. 32 ft. over SW. slope.</p>

Chains	
25.70	Top of spur, slopes N. from SE.; desc. gradually along same.
33.20	Leave top of spur, slopes NE. from S.; desc. 20 ft. over W. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S24   S19 1938 from which An ironwood, 4 ins. diam., bears N. 88° E., 105 lks. dist., marked $\frac{1}{4}$ S 19 BT An ironwood, 3 ins. diam., bears S. 49° W., 17 lks. dist., marked BT Desc. gradually along W. slope.
57.70	Same spur, slopes NW. from S. 10° E.; desc. 40 ft. over E. slope.
68.00	Same spur, slopes NE.; desc. 48 ft. over NW. slope.
74.30	Bottom of ravine, course NE., heads 5 chs. SW. Asc. 6 ft. over E. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked
	T7S R2W   R1W S13   S18 S24   S19 1938 No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. Land, heavily rolling. Soil, gravelly and rocky, 4th rate. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw and cacti.
	North, bet. secs. 13 and 18. Over rolling land, thru very scattering timber and medium undergrowth. Asc. 17 ft. over E. slope.
3.20	Low spur, slopes N. 10° E.; desc. 50 ft. over NW. slope.
18.50	Wash, 4 lks. wide, course NW.; asc. 22 ft. over W. slope.
29.70	Desc. 26 ft. over W. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

## Survey: West Boundary of T. 7 S., R. 1 W.

5

Chains	$\frac{1}{4}$ S13   S18 1938  No bearing trees available.  Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.  Desc. 48 ft. over NW. slope.
52.70	Same wash, 12 lks. wide, banks 2 ft. high, course NE. Asc. 33 ft. over E. slope.
68.40	Desc. 42 ft. over E. slope.
79.65	Same wash, 25 lks. wide, banks 2 ft. high, course NW. Thence over W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in ground, for cor. of secs. 7, 12, 13, and 18, with brass cap marked
	T7S R2W · R1W S12   S7 S13   S18 1938  from which  A paloverde, 7 ins. diam., bears S. $40\frac{1}{2}^{\circ}$ E., 56 lks. dist., marked T7S R1W S18 BT  An ironwood, 5 ins. diam., bears N. $66\frac{1}{4}^{\circ}$ W., 63 lks. dist., marked T7S R2W S12 BT  No other bearing trees available.  Land, rolling. Soil, sandy, gravelly, and rocky, 3rd and 4th rates. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw, and cacti.
	North, bet. secs. 7 and 12.  Over gently rolling land, thru scattering timber and undergrowth. Along W. slope.
6.10	Wash, 25 lks. wide, in bend, course NW. from SW.; same as crossed and recrossed bet. secs. 13 and 18. Desc. gradually over NW. slope to $\frac{1}{4}$ sec. cor.
38.80	Wash, 15 lks. wide, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S12   S7 1938  No bearing trees available.  Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.



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6

Survey: West Boundary of T. 7 S., R. 1 W.

Chains	<p>Continue over gently rolling land. Desc. gradually over NW. slope to sec. cor.</p> <p>66.90 Wash, 20 lks. wide, banks 2 ft. high, course NW.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 6, 7, and 12, with brass cap marked</p> <p style="text-align: center;">T7S R2W R1W S1   S6 S12   S7 1938</p> <p style="text-align: right;">from which</p> <p>A paloverde limb, 9 ins. diam., bears S.29½°E., 221 lks. dist., marked T7S R1W S7 BT</p> <p>A paloverde, 6 ins. diam., bears S.74°W., 79 lks. dist., marked T7S R2W S12 BT</p> <p>An ironwood, 3 ins. diam., bears N.48½°W., 39 lks. dist., marked BT</p> <p>A giant cactus, 12 ins. diam., bears N.66°E., 62 lks. dist. Impracticable to mark same.</p> <p>No bearing tree available NE. of cor.</p> <p>Land, gently rolling. Soil, gravelly and rocky, 4th rate. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw and cacti.</p>
13.85	<p>North, bet. secs. 1 and 6.</p> <p>Over nearly level land, thru scattering timber and undergrowth. Desc. gradually over NW. slope to ¼ sec. cor.</p> <p>Wash, 8 lks. wide, banks 1 ft. high, course NW.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for ¼ sec. cor., with brass cap marked</p> <p style="text-align: center;">¼ S1   S6 1938</p> <p style="text-align: right;">from which.</p> <p>A paloverde, 6 ins. diam., bears N.32°E., 92 lks. dist., marked ¼ S6 BT</p> <p>An ironwood, 3 ins. diam., bears S.70¾°W., 112 lks. dist., marked BT</p>
80.00	<p>Desc. gradually over NW. slope.</p> <p>Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in ground, with a glass bottle deposited at base, for cor. of Ts. 6 and 7 S., Rs. 1 and 2 W., with brass cap marked</p>

Survey: West Boundary of T.7 S., R.1 W.

7

T6S	
R2W	R1W
S36	S31
S1	S6

T7S  
1938

from which

A paloverde, 6 ins. diam., bears N.39½°W., 76 lks.  
dist., marked T6S R2W S36 BT

No other bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of  
cor.

Land, nearly level.

Soil, sandy, gravelly, and rocky, 3rd and 4th rates.

Timber, paloverde, ironwood, and mesquite.

Undergrowth, greasewood, sagebrush, catclaw, and cacti.

BOOK 4201

8

## Survey: North Boundary of T. 7 S., R. 1 W.

- Chains From the cor. of Ts. 6 and 7 S., Rs. 1 E. and 1 W.,  
West, on random line, setting temp. cors. at 40 ch. inter-  
vals, and at
- 478.40 Intersect N. and S. line, at 14 lks. S. of the cor. of  
Ts. 6 and 7 S., Rs. 1 and 2 W., established under this  
group as hereinbefore described,
- Thence  
S. 89° 59' E., on true line, bet. secs. 6 and 31.  
Over nearly level land, draining NW., thru scattering  
timber and undergrowth.
- 27.60 Wash, 25 lks. wide, banks 2 ft. high, course NW.
- 30.20 Left bank of Bender Wash, 4 ft. high, bears N. 70° W. and  
S. 70° E. Thence in said wash, course N. 70° W. from E.
- 38.40 True point for  $\frac{1}{4}$  sec. cor. is in Bender Wash, where it is  
impracticable to monument the cor., therefore establish  
witness cor. at 2.50 chs. S. 89° 59' E.
- 39.10 Left bank of Bender Wash, bears N. 80° E. and S. 80° W.  
Leave said wash, course W. from N. 80° E.
- 40.90 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
ground, with a glass bottle deposited at base, for wit-  
ness cor. to  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{r} \text{WC } \frac{1}{4} \quad \text{S } 31 \\ \hline \text{S } 6 \\ 1938 \end{array}$$

from which

A mesquite limb, 8 ins. diam., bears S. 12° W., 15 lks.  
dist., marked WC  $\frac{1}{4}$  S 6 BT

No other bearing tree available.

- 62.30 Left bank of Bender Wash, bears NW. and SE. Thence across  
said wash, course NW.
- 64.40 Right bank of Bender Wash, bears NW. and SE. Leave said  
wash.
- 69.60 The NW. cor. of a pole corral bears S. 20 lks. dist., from  
which fences extend NE. and N.
- 70.59 O.A. Bender's well bears S. 2.05 chs. dist.
- 71.25 Fence, bears NE. and SW. Extends SW. to N. side of pole  
corral.
- 71.63 Center of O.A. Bender's ranch house bears S. 2.97 chs. dist.
- 73.40 Road, bears N. 10° E. and S. 10° W. Extends SW. to Bender's  
ranch house.
- 78.40 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground, for cor. of secs. 5, 6, 31, and 32, with brass  
cap marked

$$\begin{array}{r} \text{T6S} \quad \text{R1W} \\ \text{S31} \quad | \quad \text{S32} \\ \hline \text{S6} \quad | \quad \text{S5} \\ \text{T7S} \\ 1938 \end{array}$$

## Survey: North Boundary of T. 7 S., R. 1 W.

9

Chains

from which

A paloverde, 7 ins. diam., bears N.46½°E., 29 lks. dist., marked T6S R1W S32 BT

A mesquite, 7 ins. diam., bears S.21½°E., 82 lks. dist., marked T7S R1W S5 BT

No other bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

O.A.Bender's ranch house bears S.64½°W., 7.20 chs. dist.

O.A.Bender's well bears S.73°W., 7.78 chs. dist.

Land, nearly level.

Soil, sandy, gravelly and rocky, 3rd and 4th rates.

Timber, paloverde, mesquite, and ironwood.

Undergrowth, greasewood, sagebrush, catclaw and cacti.

S. 89° 59' E., on true line, bet. secs. 5 and 32.

Over nearly level land, thru scattering timber and undergrowth.

39.50 Wash, 15 lks. wide, course S.15°W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, with a piece of glass and a glass bottle deposited at base, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S \ 32}{S \ 5}$$

1938

from which

A mesquite, 5 ins. diam., bears S.69¾°E., 155 lks. dist., marked ¼ S5 BT

A mesquite, 8 ins. diam., bears N.17¾°W., 62 lks. dist., marked ¼ S32 BT

Continue over nearly level land, draining southwesterly.

77.30 Wash, 30 lks. wide, banks 2 ft. high, course SW.

79.75 Center of Arizona State Highway No. 84 (paved), bears N.70°W. and S.70°E.

80.00 True point for cor. of secs. 4, 5, 32 and 33 is on the highway pavement, where it is impracticable to monument the sec. cor. Drive a nail into the pavement at the cor. point and establish a witness cor. on Tp. bdy. at 3.00 chs. S.89°59'E. as hereinafter described.

Land, nearly level.

Soil, sandy, gravelly and rocky, 3rd and 4th rates.

Timber, paloverde, ironwood, and mesquite.

Undergrowth, sagebrush, greasewood, catclaw and cacti.

## Chains

From true point for cor. of secs. 4, 5, 32 and 33,  
S.  $89^{\circ} 59'$  E., on true line, bet. secs. 4 and 33.

Over pavement of Arizona State Highway No. 84, bearing  
N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

0.17 Leave highway pavement. Thence over nearly level land,  
thru scattering timber and undergrowth.

3.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground, with a glass bottle deposited at base, for  
witness cor. to cor. of secs. 4, 5, 32 and 33, with  
brass cap marked

	T6S	RLW
	S32	S33
WC	S5	S4
	T7S	
	1938	

from which

An ironwood, 6 ins. diam., bears N.  $12^{\circ}$  E., 93 lks.  
dist., marked WC T6S RLW S33 BT

A paloverde, 5 ins. diam., bears S.  $12\frac{1}{2}^{\circ}$  E., 344 lks.  
dist., marked WC T7S RLW S4 BT

An ironwood, 4 ins. diam., bears N.  $22\frac{1}{4}^{\circ}$  W., 271 lks.  
dist., marked WC BT

No other bearing tree available.

37.00 Wash, 35 lks. wide, banks 2 ft. high, course S.  $70^{\circ}$  W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

	S	33
$\frac{1}{4}$	S	4
	1938	

from which

A paloverde, 3 ins. diam., bears S.  $70\frac{1}{2}^{\circ}$  W., 332 lks.  
dist., marked BT

A paloverde, 6 ins. diam., bears N.  $47^{\circ}$  W., 167 lks.  
dist., marked  $\frac{1}{4}$  S33 BT

Continue over nearly level land, draining southwesterly.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground, for cor. of secs. 33, 34, 33, and 34, with brass  
cap mkd.

	T6S	RLW
	S33	S34
	S4	S3
	T7S	
	1938	

from which

A mesquite limb, 4 ins. diam., bears N.  $84^{\circ}$  E., 110 lks.  
dist., marked BT

Survey: North Boundary of T. 7 S., R. 1 W.

Chains

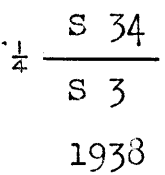
- A mesquite, 5 ins. diam., bears S.35°E., 139 lks. dist., marked T7S R1W S3 BT
- A mesquite, 3 ins. diam., bears S.81 $\frac{3}{4}$ °W., 174 lks. dist., marked BT
- A mesquite, 5 ins. diam., bears N.79 $\frac{1}{4}$ °W., 208 lks. dist., marked T6S R1W S33 BT

Land, nearly level.  
 Soil, sandy, gravelly and rocky, 3rd and 4th rates.  
 Timber, paloverde, ironwood, and mesquite.  
 Undergrowth, greasewood, sagebrush, catclaw and cacti.

S. 89° 59' E., on true line, bet. secs. 3 and 34.

Over nearly level land, draining southwesterly, thru scattering timber and undergrowth.

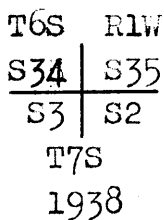
- 1.70 Wash, 15 lks. wide, course S.60°W.
- 26.30 Wash, 20 lks. wide, banks 2 ft. high, course S.20°W. Enter gently rolling land. Asc. 28 ft. over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, with a granite stone 12x6x4 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked



No bearing trees available.

Thence on top of hill, bearing E. and SW. Asc. 23 ft. to

- 46.70 Leave top of hill, bearing NE. and W.; desc. 55 ft. over SE. slope.
- 64.52 Old road, bears NE. and SW.
- 68.80 Enter wash, 35 lks. wide, course SW. from E.; asc. gradually in wash.
- 71.00 Leave wash, course W. from S.70°E.; asc. gradually over SW. slope.
- 77.10 Same wash, 25 lks. wide, banks 3 ft. high, course SW. Asc. 14 ft. over SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked



No bearing trees available.

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Chains	Land, nearly level and gently rolling, Soil; sandy, gravelly and rocky, 3rd and 4th rates. Timber, paloverde, mesquite, and ironwood. Undergrowth, greasewood, sagebrush, catclaw and cacti.
40.00	<p>S. 89° 59' E., on true line, bet. secs. 2 and 35.</p> <p>Over gently rolling land, thru scattering timber and undergrowth. Asc. 65 ft. over SW. slope to</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground to bedrock, with a granite stone marked with a cross (X) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} \frac{1}{4} \text{ S } 35 \\ \hline \text{S } 2 \\ 1938 \end{array}</math> </div> <p>No bearing trees available.</p> <p>Asc. 45 ft. over SW. slope.</p> <p>57.50 Spur, slopes S. Enter heavily rolling land. Desc. 53 ft. over E. slope.</p> <p>73.40 Wash, 4 lks. wide, in bottom of ravine, course S. Asc. 58 ft. over SW. slope.</p> <p>79.00 Spur, slopes S. 15° W.; desc. 5 ft. over SE. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a granite stone 12x10x2 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 1, 2, 35 and 36, with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} \text{T6S R1W} \\ \text{S35   S36} \\ \hline \text{S2   S1} \\ \text{T7S} \\ 1938 \end{array}</math> </div> <p>No bearing trees available.</p> <p>Land, gently and heavily rolling. Soil, sandy, gravelly and rocky, 3rd and 4th rates. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw and cacti.</p>
4.40 8.06 26.05	<p>S. 89° 59' E., on true line, bet. secs. 1 and 36.</p> <p>Over heavily rolling land, thru scattering timber and undergrowth. Desc. 30 ft. over SE. slope.</p> <p>Wash, 6 lks. wide, in bottom of ravine, course S. 15° W. Asc. 50 ft. over steep W. slope to</p> <p>Top of steep slope, bears N. and S. Enter gently rolling land. Asc. 55 ft. over gradual W. slope.</p> <p>Spur, slopes S.; desc. 9 ft. over E. slope to</p>

## Survey: North Boundary of T. 7 S., R. 1 W.

13

Chains

28.05

Top of rimrock or cliff, 10 ft. high, bearing NW. and SE., facing NE. Enter mountainous land.  
Desc. 177 ft. over steep NE. slope to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 5 ins. in ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 36}{S 1}$$

1938

No bearing trees available.

This cor. is at foot of steep NE. slope, bearing NW. and SE.

Thence over gently rolling land; desc. 70 ft. over easterly slope to.

80.00

Intersect the cor. of Ts. 6 and 7 S., Rs. 1 E., and 1 W., on the Gila and Salt River Meridian, independently reestablished in 1914, which is an iron post, 3 ins. in diam., set, marked on brass cap, and witnessed as described in the official record.

Land, heavily and gently rolling, and mountainous.

Soil, sandy, gravelly, 3rd and 4th rates.

Timber, paloverde, mesquite, and ironwood.

Undergrowth, greasewood, sagebrush, catclaw and cacti.



Chains	<p>From the cor. of Ts. 6 and 7 S., Rs. 1 and 2 W.,</p> <p>West, on random line, setting temp. cors. at 40 ch. intervals, and at</p> <p>478.93 Intersect N. and S. line 71 lks. N. of the cor. of Ts. 6 and 7 S., Rs. 2 and 3 W., which is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.</p> <p>Thence</p> <p>N. 89° 55' E., on true line, bet. secs. 6 and 31.</p> <p>Over nearly level land, thru scattering timber and undergrowth.</p> <p>16.23 Wash, 20 lks. wide, course NW.</p> <p>28.20 Enter gently rolling land. Asc. 23 ft. over W. slope.</p> <p>33.19 Low spur, slopes N.; desc. 30 ft. over NE. slope to</p> <p>38.93 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \frac{S \ 31}{S6}$ <p>1938</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Asc. 60 ft. over rolling N. slope.</p> <p>53.00 Asc. 12 ft. over NW. slope.</p> <p>56.93 Low spur, slopes N.; desc. 75 ft. over E. slope.</p> <p>75.93 Wash, 20 lks. wide, course N.; asc. slightly over NW. slope.</p> <p>78.93 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked</p> $\begin{array}{c} T6S \ R2W \\ S31 \   \ S32 \\ \hline S6 \   \ S5 \\ T7S \\ 1938 \end{array}$ <p style="text-align: right;">from which</p> <p>An ironwood, 9 ins. diam., bears N. 42<math>\frac{3}{4}</math>° E., 262 lks. dist., marked T6S R2W S32 BT</p> <p>An ironwood, 12 ins. diam., bears S. 45° E., 163 lks. dist., marked T7S R2W S5 BT</p> <p>An ironwood, 4 ins. diam., bears S. 5<math>\frac{1}{2}</math>° W., 183 lks. dist., marked T7S R2W S6 BT</p> <p>An ironwood limb, 6 ins. diam., bears N. 57<math>\frac{1}{2}</math>° W., 337 lks. dist., marked T6S R2W S31 BT</p>
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## Survey: North Boundary of T. 7 S., R. 2 W.

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Chains	Land, nearly level and gently rolling. Soil, gravelly and rocky, 3rd and 4th rates. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw and cacti.
	N. 89° 55' E., on true line, bet. secs. 5 and 32. Over gently rolling land, thru scattering timber and undergrowth. Asc. 46 ft. over N. slope.
22.00	Asc. 24 ft. over NW. slope.
27.60	Low spur, slopes N.; desc. 25 ft. over NE. slope.
35.60	Bottom of ravine, 5 lks. wide, course N.20°W.; asc. 21 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} S\ 32 \\ \frac{1}{4} \frac{\quad}{S\ 5} \\ 1938 \end{array}$
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Asc. 15 ft. over gradual SW. slope to
47.30	Enter heavily rolling land. Asc. 57 ft. over SW. slope.
52.20	Spur, slopes N. from SE.; desc. 74 ft. over NE. slope.
60.10	Bottom of ravine, 4 lks. wide, course NW. from E.; asc. 46 ft. along same.
64.60	Leave bottom of ravine, course W. from SE.; asc. 43 ft. over broken NW. and N. slopes to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 4, 5, 32 and 33; with brass cap marked
	$\begin{array}{c} T6S\ R2W \\ S32\   \ S33 \\ S5\   \ S4 \\ T7S \\ 1938 \end{array}$
	No bearing trees available.
	Raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
	Land, gently and heavily rolling. Soil, gravelly and rocky, 2nd and 3rd rates. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw and cacti.
	N. 89° 55' E., on true line, bet. secs. 4 and 33. Over rolling land, thru very scattering timber and medium undergrowth. Asc. 20 ft. over broken, rocky, N. slope.

ECON 200

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Survey: North Boundary of T. 7 S., R. 2 W.

Chains	
15.50	Sidehill drain, course NW.; asc. 71 ft. over SW. slope.
29.00	Low spur, slopes N., and head of another spur, slopes NE. Desc. 80 ft. over broken SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 33 \\ \frac{1}{4} \overline{\hspace{1.5cm}} \\ S\ 4 \\ 1938 \end{array}$
	No bearing trees available.
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Desc. 15 ft. over broken SE. slope.
46.10	Wash, 8 lks. wide, course N. from SW.; ascend 46 ft. over NW. slope.
57.00	Desc. 50 ft. over NE. slope.
75.00	Wash, 15 lks. wide, course N. $10^{\circ}$ W. The W. or left bank of this wash is 6 ft. high. Asc. 20 ft. over NW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in ground to bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap marked
	$\begin{array}{r} T6S\ R2W \\ \hline S33\ S34 \\ \hline S4\ S3 \\ T7S \\ 1938 \end{array}$
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling.
	Soil, gravelly, 3rd rate.
	Timber, paloverde, ironwood, and mesquite.
	Undergrowth, greasewood, sagebrush, catclaw, and cacti.
	N. $89^{\circ} 55'$ E., on true line, bet. secs. 3 and 34.
	Over gently rolling land, thru very scattering timber and medium undergrowth. Asc. 28 ft. over NW. slope.
7.00	Desc. 37 ft. over NE. slope.
14.60	Wash, 50 lks. wide, course NW.; asc. gradually over NW. slope.
26.70	Old road, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S\ 34 \\ \frac{1}{4} \overline{\hspace{1.5cm}} \\ S\ 3 \\ 1938 \end{array}$
	No bearing trees available.

Survey: North Boundary of T. 7 S., R. 2 W.

Chains	<p>Raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.</p> <p>Continue over gently rolling land, along northerly slope. Asc. 20 ft.</p> <p>56.50 Desc. 35 ft.</p> <p>62.00 Asc. 30 ft.</p> <p>71.50 Desc. 15 ft.</p> <p>74.40 Wash, 10 lks. wide, in bottom of draw, course N.10°W. Asc. 28 ft. over NW. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr><td>T6S</td><td>R2W</td></tr> <tr><td>S34</td><td>S35</td></tr> <tr><td>S3</td><td>S2</td></tr> <tr><td colspan="2">T7S</td></tr> <tr><td colspan="2">1938</td></tr> </table> </div> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, gently rolling. Soil, gravelly, 3rd rate. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw, and cacti.</p>	T6S	R2W	S34	S35	S3	S2	T7S		1938						
T6S	R2W															
S34	S35															
S3	S2															
T7S																
1938																
	<p>N. 89° 55' E., on true line, bet. secs. 2 and 35.</p> <p>Over gently rolling land, thru very scattering timber and scattering undergrowth. Asc. gradually over NW. slope.</p> <p>15.00 Desc. 40 ft. over northerly slope.</p> <p>35.00 Wash, 15 lks. wide, 20 ft. deep, course NW. Asc. gradually over NW. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, with a granite stone 4x3x2 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr><td>S 35</td></tr> <tr><td>¼ ———</td></tr> <tr><td>S 2</td></tr> <tr><td colspan="2">1938</td></tr> </table> </div> <p>No bearing trees available.</p> <p>Thence over nearly level land.</p> <p>77.50 Wash, 40 lks. wide, banks 2 ft. high, course NW.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr><td>T6S</td><td>R2W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S2</td><td>S1</td></tr> <tr><td colspan="2">T7S</td></tr> <tr><td colspan="2">1938</td></tr> </table> </div>	S 35	¼ ———	S 2	1938		T6S	R2W	S35	S36	S2	S1	T7S		1938	
S 35																
¼ ———																
S 2																
1938																
T6S	R2W															
S35	S36															
S2	S1															
T7S																
1938																

Chains	from which
	<p>An ironwood, 3 ins. diam., bears N.64°E., 61 lks. dist., marked BT</p> <p>An ironwood, 10 ins. diam., bears S.34½°E., 150 lks. dist., marked T7S R2W S1 BT</p> <p>An ironwood, 9 ins. diam., bears S.19°W., 60 lks. dist., marked T7S R2W S2 BT</p> <p>An ironwood, 5 ins. diam., bears N.38¾°W., 59 lks. dist., marked T6S R2W S35 BT</p> <p>Land, gently rolling and nearly level. Soil, gravelly, 2nd and 3rd rates. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw, and cacti.</p>
	<p>N. 89° 55' E., on true line, bet. secs. 1 and 36.</p> <p>Over nearly level land, draining northwesterly, thru scattering timber and undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for ¼ sec. cor., with brass cap marked</p> $\begin{array}{r} S\ 36 \\ \frac{1}{4} \text{---} \\ S\ 1 \\ 1938 \end{array}$ <p>No bearing trees available.</p> <p>Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Continue over nearly level land.</p>
44.40	<p>Wash, 30 lks. wide, banks 3 ft. high, course N.15°W.</p>
80.00	<p>Intersect the cor. of Ts. 6 and 7 S., Rs. 1 and 2 W.; established under this group as hereinbefore described.</p> <p>Land, nearly level. Soil, gravelly, 3rd rate. Timber, paloverde, ironwood, and mesquite. Undergrowth, greasewood, sagebrush, catclaw, and cacti.</p>
FINAL FIELD TEST OF INSTRUMENT.	
<p>April 22, 1938; at same station where preliminary field test of instrument was made on April 10, 1938, as described at the beginning of these field notes, examine the adjustments of Buff and Buff transit No. 18002 and find no errors, then test the workings of the solar apparatus by comparing its indications with the same true meridian as follows:</p> <p>At 9h. 00m., a.m., app. t., set off 32° 45' N. on the latitude arc; 12° 8½' N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.</p> <p>At app. noon, with the latitude arc unchanged, observe the sun on the meridian and obtain a reading of 12° 10½' N. on the declination arc, which agrees with the computed declination of the sun.</p>	

Final Field Test of Instrument, continued.

At 3h. 00m., p.m., app. t., with the latitude arc unchanged, set off  $12^{\circ} 13\frac{1}{2}'$  N. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1' 30''$  of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys executed with same which are described in the foregoing field notes.



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BOOK 4261

CERTIFICATE OF SURVEYOR

I, Ty White, (Public Land Surveyor at time of survey) now Assistant Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of December, 1937 received from the district cadastral engineer for Arizona, with assignment instructions dated February 18, 1938, I have surveyed the West and North boundaries of Township 7 South, Range 1 West, and the North boundary of Township 7 South, Range 2 West

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 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.

December 19, 1941  
Phoenix - Arizona

Ty White  
(Public Land Surveyor at time of survey)  
now Assistant Cadastral Engineer.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
Denver, Colo., December 4, 1942.

The foregoing field notes of the survey of the West and North boundaries of Township 7 South, Range 1 West and North boundary of Township 7 South, Range 2 West of the Gila and Salt River Meridian, in the State of Arizona executed by Ty White, Public Land Surveyor, under special instructions dated December 1, 1937, for Group 197, Arizona, and assignment instructions dated February 18, 1938, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Frank H. Johnson  
Supervisor of Surveys.

~~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 on file in the public survey office.~~

~~Supervisor of Surveys.~~