

Book "F"

4-879

1

BOOK 3839

FIELD NOTES

OF THE RESURVEY OF

Part of the North Boundary

(East $2\frac{1}{2}$ miles or all that portion outside Gila River Indian Reservation)

and

Part of the Subdivision Lines

(East $2\frac{1}{2}$ ranges of secs. or all outside Gila River Indian Reservation)

of

Township 4 South Range 8 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Dupree R. Averill, U.S. Surveyor

In the capacity of U. S. Surveyor, under Special Instructions dated January 5, 1928, issued by the District Cadastral Engineer to govern surveys included in Group No. 150 Arizona, which were approved by the Commissioner of the General Land Office, January 17, 1928, and Assignment Instructions dated February 1, 1928.

Re Survey commenced March 7, 1928

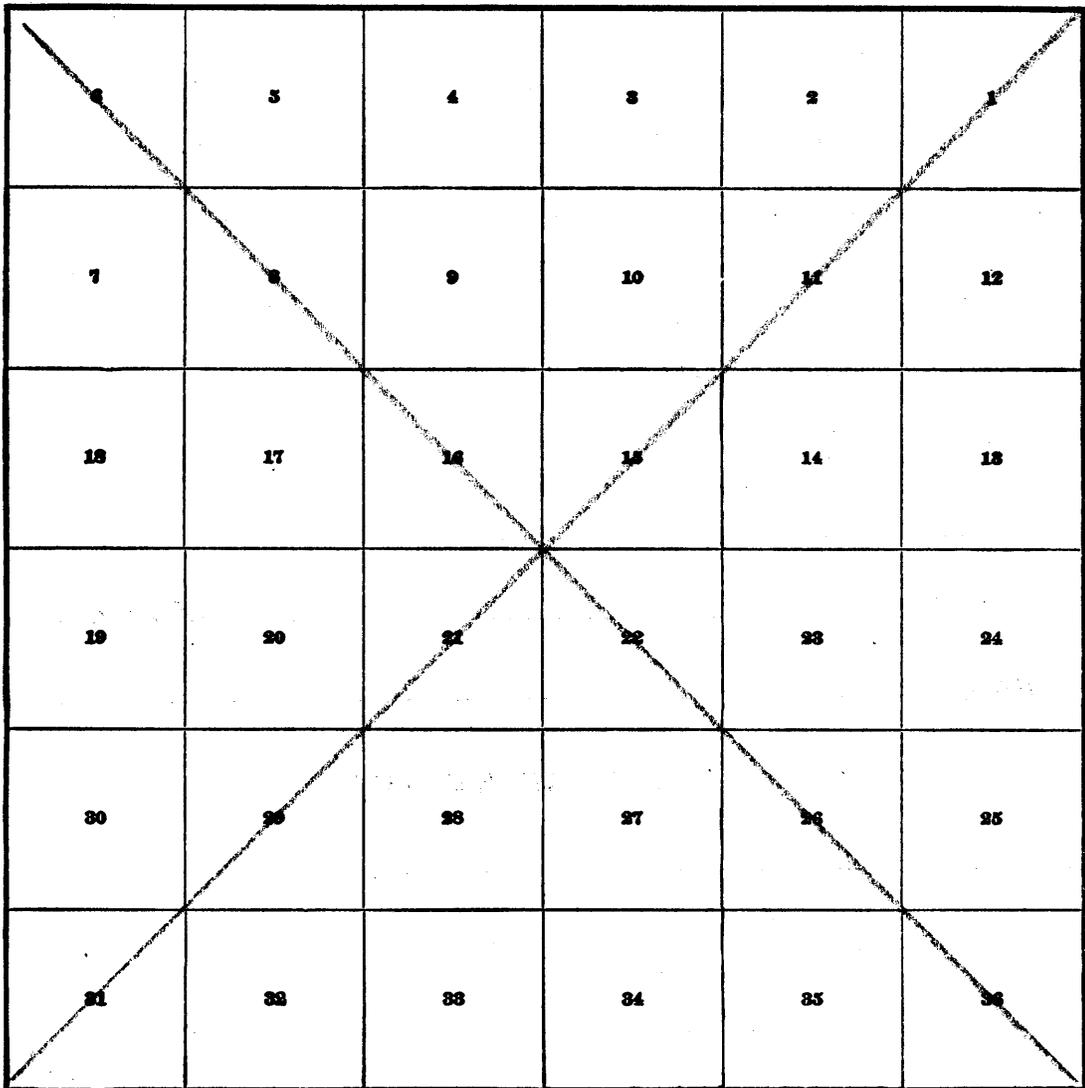
Re Survey completed March 10, 1928.

3839

3839

~~INDEX DIAGRAM.~~

~~Township~~, ~~Range~~



16

The resurveys herein described were commenced March 7, 1928, and executed by Dupree R. Averill, U.S. Surveyor, using Buff solar transit No. 17992. This instrument is equipped with Smith solar attachment and otherwise conforms to the standard requirements of the General Land office. Unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

PRELIMINARY FIELD TEST
of
Buff transit No. 17992
by
Dupree R. Averill, U. S. Surveyor.

March 4, 1928; at the station described on page 1 of Book C, near the center of sec. 36, T.4 S., R.9 E., G. and S.R. Base and Meridian, Arizona, latitude $33^{\circ}02'N$. and longitude $111^{\circ}22\frac{1}{2}'W$.; examine the adjustments of the instrument and find no errors; then to test the workings of the solar apparatus proceed as follows:

At 9h 0m a.m., app.t., set off $33^{\circ}02'$ on the latitude arc, $6^{\circ}19\frac{1}{2}'S$. 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; the resultant reading of the declination arc is $6^{\circ}17'S$. which agrees with the computed declination of the sun.

At 3h 0m p.m., app.t., with the latitude arc unchanged, set off $6^{\circ}14'S$. on the declination arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in adjustment.

The measurements are made on the slope, the vertical angles determined with a clinometer and the slope measurements properly reduced to true horizontal distances.

All measurements are made with a Lallie steel tape 5 chs. in length, compared with a Lufkin standard and found correct.

Resurvey of Part of the North Boundary
of
T. 4 S., R. 8 E.

chains

The north boundary of this township was surveyed in 1876, by T.F. White, U.S.D.S., and resurveyed in 1884 by A.E. Shoemaker, U.S.D.S. In 1914, Sidney E. Blout, U.S.S., retraced the same line in connection with retracements to recover the orig. position of the cor. of Ts.2 and 3 S., Rs.8 and 9 E.

In 1911, G.P. Harrington, U.S.S., resurveyed the north boundary of this township, west of the $\frac{1}{4}$ sec. cor. secs. 3 and 34, in connection with his survey and resurvey of the boundary of the Gila River Indian Reservation.

There is no other retracement or resurvey of the north boundary of this township, of record.

The following notes describe a dependent resurvey of the north boundary of T.4 S., R.8 E., preserving the alignment between orig. cor. and the reestablished cor. of Ts.3 and 4 S., Rs.8 and 9 E.

Retracement for Resurvey

Retracement of the north boundary of sec. 1, T.4 S., R.8 E. is described in Book "D" of this group.

From the cor. of secs. 1, 2, 35 and 36, Ts. 3 and 4 S., Rs.8 E.

West on a random line bet. secs. 2 and 35.

40.00 Find no trace of $\frac{1}{4}$ sec. cor. Set temp. cor.

80.12 Fall 16 lks. S. of the cor. of secs. 2, 3, 34 and 35.

Thence, West on a random line bet. secs. 3 and 34. ($E\frac{1}{2}$.)

40.10 Fall 37 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 3 and 34.

Resurvey

From the cor. of Ts.3 and 4 S., Rs.8 and 9 E., described in Book "E".

S.88°30'W. on true line bet. secs. 1 and 36.
Over level land, thru scattering brush and timber.

39.86 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

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

1928

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

59.86 Old Phoenix and Eastern R.R., bears N.38°55'W. and S.38°55'E.
60.56 Telegraph lines, extend N.39°W. and S.39°E.

79.73 The cor. of secs. 1, 2, 35 and 36, which is the remains of an old mesquite stake, lying on ground. Dig up remains of stake at true cor. point. In place of stake and its remains, which are deposited alongside,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 1, 2, 35 and 36, with brass cap marked

Resurvey of Part of the North Boundary
of
T. 4 S., R. 8 E.

BOOK 2886

chains

T 3 S R 8 E
S 35 | S 36
S 2 | S 1
T 4 S
1928

Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Land: Level.
Soil: Clayloam, gravelly, 2d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and cacti.

N. 89° 53' W. on true line bet. secs. 2 and 35.
Over level land, thru scattering brush.

40.06 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for 1/4 sec. cor., with brass cap marked

1/4 S 35
S 2

1928

Raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

57.50 Unimproved road, bears N. and S.

80.12 The cor. of secs. 2, 3, 34 and 35, which is the remains of
a stake lying on ground, Dig up other remains of stake
at true point for cor. In place of stake and remains,
which are deposited alongside post,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground
for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T 3 S R 8 E
S 34 | S 35
S 3 | S 2
T 4 S
1928

Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Land: Level.
Soil: Clayloam, gravelly, 2d rate.
No timber.
Undergrowth: Greasewood and mesquite.

S. 89° 27' W. on true line bet. secs. 3 and 34. (E 1/2.)
Over level land, thru scattering brush.

35.00 Unimproved road, bears NE. to Magma and SW. to Hunt highway.

40.10 The 1/4 sec. cor. secs. 3 and 34 which has been remonumented
as a bdy. cor. of the Gila River Indian Reservation. by
G.P. Harrington in 1911, is an iron post 3 ins. diam.,
12 ins. above ground, with brass cap marked

GRIR T 4 S
R 8 E
S 3
1911

Resurvey of Part of the North Boundary
of
T. 4 S., R. 8 E.

chains

Change marks on brass cap to read as follows:

T 3 | S R 8 E
 $\frac{1}{4}$ S 34

G R I R $\frac{1}{4}$ S 3
T 4 | S R 8 E
1928
1911

Reconstruct mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

Land: Level.
 Soil: Clayloam, gravelly, 2d rate.
 Timber: None.
 Undergrowth: Greasewood and mesquite.

Boundaries of Township 4 South, Range 8 East.
 (Portion outside the Gila River Indian Reservation.)
 Latitudes, departures and closing errors.

Line designated	True course	Distance	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary	S. 89° 50' W.	199.85		.58		199.85:
Subdivisional Boundary	N. 0° 02' E.	79.56	79.56		.05	:
(Part of Boundary Gila River Indian Reservation.)	N. 0° 08' W.	79.85	79.85			.19:
	N. 0° 03' W.	80.20	80.20			.07:
	N. 0° 08' W.	80.51	80.51			.19:
	N. 0° 08' W.	80.22	80.22			.19:
	N. 0° 40' W.	78.91	78.91			.92:
North Boundary	N. 89° 27' E.	40.10	.37		40.10	:
	S. 89° 53' E.	80.12		.16	80.12	:
	N. 88° 30' E.	79.73	2.09		79.70	:
East Boundary	S. 0° 14' E.	480.72		480.72	1.95	:
Convergency					.20	:
Totals			481.71	481.46	202.12	201.41:
Error in Latitude			481.46		201.41	:
			0.25:			:
Error in Departure					0.71	

Resurvey of Part of the Subdivisions
of
T. 4 S., R. 8 E.

BOOK 3839

chains

The subdivision lines of this township were surveyed in 1876 by T.F. White, U.S.D.S. In 1911, G.P. Harrington, U.S.S., surveyed the meridional center of sec. lines thru the 3d range of sections, as a part of the Boundary of the Gila River Indian Reservation, and resurveyed the subdivision lines of this township to the west thereof.

There is no other retracement or resurvey of subdivision lines of this township, of record.

The following notes describe a dependent resurvey of the subdivision lines of T.4 S., R.8 E., outside the Gila River Indian Reservation, with remonumentation of orig. cors. and proper reestablishment of lost cors. by proportion.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., described in Book "B".

N.0°14'E. on true line bet. secs. 35 and 36.

Over level land, thru cultivated fields.

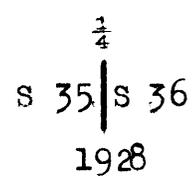
(and N. bears W., 90 lks. dist.

.22 Fence, extends E. and W. Cor. of fences extending E., W./

18.00 Leave cultivated land, bears NE. and SW.; continue over level land; thru scattering brush and timber.

39.60 Fence, extends N. and S.2°W.

39.60 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for 1/4 sec. cor., with brass cap marked



Raise a mound of stone 3 ft. base 1 1/2 ft. high W. of cor.

40.20 Intersect cor. of fences extending N., S. and E.

45.85 Right of way fence, extends N.65°E. and S.65°W.; cor. of fences extending NE., SW. and S. bears W., 3 lks. dist.

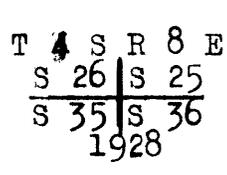
45.90 Telegraph lines, extend N.65°E. and S.65°W.

46.60 Ariz. Eastern R.R., bears N.65°E. and S.65°W.

47.30 Right of way fence, extends N.65°E. and S.65°W.; cor. of fences extending NE., SW. and N. bears W., 3 lks. dist.

79.20 Point for cor. of secs. 25, 26, 35 and 36, determined from original bearing trees.

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 25, 26, 35 and 36, with brass cap marked



From which the orig. bearing trees:

A mesquite stump bears N.71 1/2°E., 110 lks. dist. No scribe marks remain on this stump.

A mesquite, 8 ins. diam. bears S.39°E., 91 1/2 lks. dist. Rotted. Scribe mark 3, only, is legible on blaze.

A mesquite, 8 ins. diam. bears W., 18 lks. dist. Legible scribe marks are VIII.

A mesquite stump bears N.5 1/2°W., 145 lks. dist. No scribe marks remain on this stump.

These trees are too badly decayed to be remarked.

Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Land: Level. Soil: Clayloam, rocky 2d and 3d rate. TIMBER: Paloverde. Undergrowth: Greasewood, mesquite.

6.

Resurvey of Part of the Subdivisions
of
T. 4 S., R. 8 E.

chains	
	From the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp. described in book "E". S. 89°07'W. on true line bet. secs. 25 and 36. Over level land, thru scattering brush and timber.
.20	Power lines, extend S. and N. Cor. of power lines extending S. and E. bears N., 40 lks. dist.
.39	Fence, extends N. and S.; cor. of fences extending S. and SW. bears N., 79 lks. dist.
3.00	Fence, extends NE. and SW.
3.60	Hunt Highway, bears NE. to Florence and SW. to Phoenix.
4.20	Right of way fence, extends N. 65°E. and S. 65°W.
4.50	Telegraph lines, extend N. 65°E. and S. 65°W.
5.96	Ariz. Eastern R.R., bears N. 65°06'E. and S. 65°06'W.
9.60	Right of way fence, extends NE. and SW.
14.10	Fence extends N. and S.; cor. of fences extending S. and E. bears N., 80 lks. dist.
15.00	Hunt Highway, bears N. to Phoenix and S. to Florence. Intersection of highway, extending S. and W. and a road extending E. bears N., 1 ch. dist.
15.60	Fence, extends N. and S., cor. of fences extending S. and W. bears N., 75 lks. dist.
39.50	Wash, 15 lks. wide, course S.
39.65	Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ S } 25 \\ \frac{1}{4} \text{ S } 36 \\ \hline 1928 \end{array}$
	Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
79.30	The cor. of secs. 25, 26, 35 and 36. Land: Level. Soil: Clayloam, rocky and gravelly, 2d and 3d rate. Timber: Paloverde. Undergrowth: Greasewood and mesquite.

	N. 0°04'W. on true line bet. secs. 25 and 26. Over level land, thru scattering brush and timber.
1.60	Fence, extends E. and W.; cor. of fences extending E. and S. bears W., 40 lks. dist.
1.70	Unimproved road, bears E. and W.
40.00	Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \\ \text{S } 26 \text{ } \text{S } 25 \\ \hline 1928 \end{array}$
	Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
57.20	Road, bears NW. and SE.
73.50	Road, bears NE. and SW.
80.00	The cor. of secs. 23, 24, 25 and 26, which is a mesquite stake 4 ins. sq., 1 ft. above ground, with old scribe marks visible but not legible. In place of stake, which is deposited alongside post, Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked

Resurvey of Part of the Subdivisions

of

T. 4 S., R. 8 E.

BOOK 2230

chains

T 4	S R 8 E
S 23	S 24
S 26	S 25
1928	

From which the remains of original bearing trees:
 A mesquite stump bears S.1°W., 228 lks. dist.
 No scribe marks on what is left of the stump.
 A mesquite stump bears S.55¹/₂°W., 267 lks. dist.
 No scribe marks on what remains of the tree.

Raise a mound of stone 2 ft. base 1¹/₂ ft. high W. of cor.

Land: Level.
 Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
 Timber: Paloverde.
 Undergrowth: Greasewood and mesquite.

 From the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp.,
 described in book "E".
 S.89°03'W. on true line bet. secs. 24 and 25.
 Over rolling land, thru scattering brush and timber.

- 14.30 Wash, 20 lks. wide, course SW.
- 28.90 Wash, 20 lks. wide, course south.

39.56 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for ¹/₄ sec. cor., with brass cap marked

¹ / ₄	S 24
¹ / ₄	S 25
1928	

Raise a mound of stone 2 ft. base 1¹/₂ ft. high N. of cor.

- 57.46 Hunt highway, bears N. and S. Extends northwesterly to Phoenix, and southeasterly to Florence.
- 70.30 Unimproved road, bears NE. and SW.
- 72.00 Wash, 10 lks. wide, course south.

79.12 The cor. of secs. 23, 24, 25 and 26.

Land: Rolling.
 Soil: Clayloam, gravelly and rocky, 2d and 3d rate.
 Timber: Paloverde.
 Undergrowth: Greasewood and mesquite.

 N.0°10'W. on true line bet. secs. 23 and 24.
 Over rolling land, thru scattering brush and timber.

39.96 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for ¹/₄ sec. cor., with brass cap marked

¹ / ₄	S 23	S 24
1928		

Raise a mound of stone 2 ft. base 1¹/₂ ft. high W. of cor.

- 47.40 Wash, 20 lks. wide, course SE.
- 49.60 Wash, 20 lks. wide, course SE.

79.92 The cor. of secs. 13, 14, 23 and 24, which is a mesquite stake 4 ins. sq., 2 ft. above ground with scribe marks visible but not legible. In place of stake, which is deposited alongside post,

8.

Resurvey of Part of the Subdivisions
of

T. 4 S., R. 8 E.

chains

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T	4	S	R	8	E
S	14		S	13	
S	23		S	24	
1928					

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

Land: Rolling.

Soil: Clayloam, rocky and gravelly, 2d and 3d rate.

Timber: Paloverde and ironwood.

Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp. described in book "E".

S. $88^{\circ}00'$ W. on true line bet. secs. 13 and 24. ($E\frac{1}{2}$.)

Over rolling land, thru scattering timber and brush.

7.30 Old winding road, bears NW. and SE.

38.92 The $\frac{1}{4}$ sec. cor., which is a rotted mesquite stake, 2 ins. sq., 2 ft. long, lying on ground, with scribe marks visible but not legible. Dig up other remains of stake at true cor. point. In place of stake, which is deposited alongside,

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S	13
$\frac{1}{4}$	S	24
1928		

From which the original bearing trees:

A mesquite stump bears S. 25° E., 290 lks. dist.

No scribe marks found on what remains of this tree.

A mesquite, 8 ins. diam. bears S. $39\frac{1}{2}^{\circ}$ E., 365 lks. dist. bearing old blaze, but scribe marks are rotted out.

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

Thence, S. $89^{\circ}50'$ W. on true line bet. secs. 13 and 24. ($W\frac{1}{2}$.)

24.10 Hunt highway, bears N. to Phoenix and S. to Florence.

40.08 The cor. of secs. 13, 14, 23 and 24.

Land: Rolling.

Soil: Clayloam, rocky and gravelly, 2d and 3d rate.

Timber: Paloverde and ironwood.

Undergrowth: Greasewood, mesquite and cacti.

N. $0^{\circ}08'$ W. on true line bet. secs. 13 and 14.

Over rolling land, thru scattering timber and brush.

10.50 Base of hill, bears E. and W.; ascend 111 ft.

17.00 Top of lava rock hill, bears E. and W.; descend 114 ft.

23.00 Base of hill, bears E. and W.; continue over rolling land.

35.10 Hunt Highway, bears NW. to Phoenix and SE. to Florence.

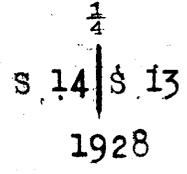
40.24 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Resurvey of Part of the Subdivisions

BOOK 8685

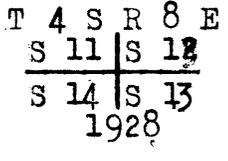
of
T. 4 S., R. 8 E.

Chains



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

- 61.90 Old winding road, bears NE. and SW.
- 68.30 Wash, 10 lks. wide, course SE.
- 79.00 Old winding road, bears NW. and SE.
- 80.48 Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

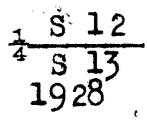


Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land: Rolling.
 Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
 Timber: Paloverde and ironwood.
 Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., described in book "E".
 S. $89^{\circ}16'W.$ on true line bet. secs. 12 and 13.
 Over low rolling lava hills, thru scattering timber and brush.

- 30.20 Top of lava rim, faces W., bears N. and S.; descend 34 ft.
- 36.50 Old winding road, bears NW. and SE.; continue over rolling land.
- 39.49 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

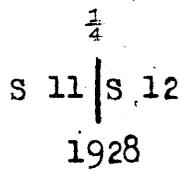


Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

- 59.70 Old winding road, bears NE. and SW.
 - 78.98 The cor. of secs. 11, 12, 13 and 14.
- Land: Rolling.
 Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
 Timber: Paloverde.
 Undergrowth: Greasewood, mesquite and cacti.

N. $0^{\circ}15'W.$ on true line bet. secs. 11 and 12.
 Over rolling land, thru scattering timber and brush.

- 40.24 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked



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

Resurvey of Part of the Subdivisions
of

T. 4 S., R. 8 E.

chains

80.48 The cor. of secs. 1,2,11 and 12, which is a rotted mesquite stake, 4 ins. sq., 1 ft. long lying on the ground. Scribe marks no longer visible on stake. Find other remains of post in ground at true cor. point. In place of stake and other remains, which are deposited alongside,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 1,2,11 and 12, with brass cap marked

$$\begin{array}{r} T\ 4\ S\ R\ 8\ E. \\ S\ 2\ | S\ 1 \\ \hline S\ 11\ | S\ 12 \\ 1928 \end{array}$$

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

Land: Rolling.

Soil: Clayloam, gravelly, 2d and 3d rate.

Timber: Paloverde and ironwood.

Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 1,6,7 and 12, on E. bdy. of Tp., described in book "E".

S. $89^{\circ}32'$ W. on true line bet. secs. 1 and 12.

Over rolling land, thru scattering timber and brush.

39.57 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 1 \\ \frac{1}{4} S\ 12 \\ 1928 \end{array}$$

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

46.70 Old winding road, bears N. and S.

79.14 The cor. of secs. 1,2,11 and 12.

Land: Rolling.

Soil: Clayloam, gravelly, 2d rate.

Timber: Paloverde and ironwood.

Undergrowth: Greasewood, mesquite and cacti.

N. $0^{\circ}36'$ W. on true line bet. secs. 1 and 2.

Over rolling land, thru scattering timber and brush.

39.75 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S\ 2\ | S\ 1 \\ 1928 \end{array}$$

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

78.86 The cor. of secs. 1,2,35 and 36; on N. bdy. of Tp., here-inbefore described.

Land: Rolling.

Soil: Clayloam, rocky and gravelly, 2d and 3d rate.

Timber: Paloverde.

Undergrowth: Greasewood, mesquite and cacti.

Resurvey of Part of the Subdivisions
of

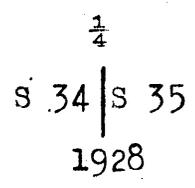
BOOK 38

T. 4 S., R. 8 E.

chains

From the cor. of secs. 2,3,34 and 35, on S. bdy. of Tp.,
described in book "B".
N.0°08'E. on true line bet. secs. 34 and 35.
Over level land, thru desert growth.
Along W. side of fence, extends N.

39.70 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked

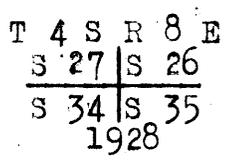


Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

40.170 Intersect cor. of fences extending S. and E.
43.90 Secondary road, bears E. and W.
64.70 Secondary road, bears N.80°E. and S.80°W.

79.40 The cor. of secs. 26,27,34 and 35, which is the remains
of a mesquite stake, 4 ins. sq., buried in ground, no
scribe marks visible. In place of stake, which is dep-
osited alongside post,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground
for cor. of secs. 26,27,34 and 35, with brass cap marked



From which the original bearing trees:
A mesquite stump bears S.38°E., 260 lks. dist.
A mesquite stump bears S.27 $\frac{3}{4}$ °E., 244 lks. dist.
A mesquite stump bears S.12°W., 188 lks. dist.
A mesquite stump bears N.9 $\frac{1}{4}$ °W., 63 lks. dist.
Trees have all been cut down and no scribe marks
remain on the stumps.

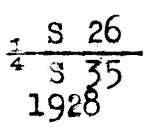
Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land: Level.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 25,26,35 and 36.
West on true line bet. secs. 26 and 35.
Over level land, thru scattering timber and brush.

.32 Fence, extends N. and S.
.60 Secondary road, bears N. and S.
23.50 Secondary road, bears NW. and SE.
25.10 Secondary road, bears NE. and SW.
37.90 Wash, 10 lks. wide, course SE.

40.05 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
For $\frac{1}{4}$ sec. cor., with brass cap marked



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

61.55 Secondary road, bears N. and S.

80.10 The cor. of secs. 26,27,34 and 35.

Resurvey of Part of the Subdivisions
of
T. 4 S., R. 8 E.

chains

Land: Level.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

From the
S. 89°50'W. on true line bet. secs. 27 and 34. (E $\frac{1}{2}$.)
Over level land, thru scattering timber and brush.

27.50 Dim winding road, bears NE. and S.
37.60 Old winding road, bears N.20°E. and S.20°W.

40.08 The $\frac{1}{4}$ sec. cor., which is a rotted mesquite stake, 4 ins. sq., 12 ins. above ground, with scribe marks visible but not legible. In place of stake, which is deposited alongside,

Set an iron post 3 ft. long 1 in. diam. 32 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

GRIR	1/4 S 27
	1/4 S 34
	1928

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

An iron post, 1 1/2 in. diam. 12 ins. above ground bears N.0°08'W., 340 lks. dist. The brass cap on this iron post is marked

GRIR	S 27
	T 4 S
	R 8 E
	S 34
	1911

Witnessed by pits 18x18x12 ins., NW. and SW. and a mound of earth W. of cor.

Land: Level.
Soil: Clayloam, gravelly, 2d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and sage.

From the cor. of secs. 26, 27, 34 and 35.
N.0°08'W. on true line bet. secs. 26 and 27.
Over rolling land, thru scattering timber and brush.

31.00 Secondary road, bears NE. and SW.

39.94 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S 27	S 26
1928	

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

40.25 Fence line, no wire, extends E. and W.; cor. of fences extending W. and N. bears E., 67 lks. dist.

41.20 Wash, 15 lks. wide, course SW.

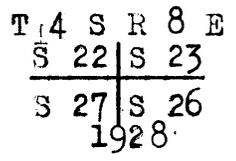
44.80 Fence line, no wire, extends E. and W.; cor. of fences extending W. and S. bears E., 67 lks. dist.

Resurvey of Part of the Subdivisions
of
T. 4 S., R. 8 E.

Chains
79.88

The cor. of secs. 22, 23, 26 and 27, which is the remains of an old mesquite stake, 4 ins. sq., 1 ft. long, lying on ground. Parts of stake dug up at true cor. point. In place of stake, which is deposited alongside post,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked



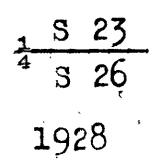
Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Land: Rolling.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 23, 24, 25 and 26.
S. 89° 54' W. on true line bet. secs. 23 and 26.
Over rolling land, thru scattering timber and brush.

- 15.50 Secondary road, bears NW. and SE.
- 17.00 Secondary road, bears NE. and SW.
- 28.30 Secondary road, bears NW. and SE.

40.10 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for 1/4 sec. cor., with brass cap marked



Raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

- 41.40 Secondary road, bears N. and S.
- 41.80 Wash, 20 lks. wide, course south.
- 65.30 Secondary road, bears NW. and SE.
- 71.90 Wash, 15 lks. wide, course south.

80.20 The cor. of secs. 22, 23, 26 and 27.

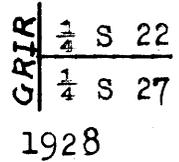
Land: Rolling.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and cacti.

S. 89° 40' W. on true line bet. secs. 22 and 27. (E 1/2)
Over rolling land, thru scattering timber and brush.

- 1.50 Secondary road, bears NE. and SW.
- 11.20 Wash, 20 lks. wide, course SE.

40.08 The 1/4 sec. cor., which is a decayed mesquite stake, 4 ins. sq., 1 ft. above a mound of stone 3 ft. base and 2 ft. high, with scribe marks no longer legible. In place of post, which is deposited alongside,

Set an iron post 3 ft. long 1 in. diam. 3 ins. in ground, to bedrock, deposit marked (X) stone alongside post, in the mound of stone, for 1/4 sec. cor., with brass cap marked



Resurvey of Part of the Subdivisions
of

T. 4 S., R. 8 E.

chains

An iron post 1 in. diam. 6 ins. above a mound of stone
3 ft. base and 2 ft. high bears N.0°03'W., 55 lks. dist.
The brass cap on this iron post is marked

S 22	E
T 4 SR 8	E
S 27	E
1911	

Land: Rolling.

Soil: Clayloam, rocky and gravelly, 2d and 3d rate.

Timber: Paloverde.

Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 22, 23, 26 and 27.

N.0°07'W. on true line bet. secs. 22 and 23.

Over rolling land, thru scattering timber and brush.

5.20 Secondary road, bears N.20°E. and S.20°W.

10.90 Old winding road, bears NW. and SE.

39.96 Set an iron post 3 ft. long 1 in. diam. 16 ins. in ground
to bedrock, deposit marked (X) stone alongside post,
in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
marked

S 22	S 23
1928	

60.00 Base of rolling hills, bears NE. and SW.; ascend 175 ft.

69.70 Top of hill, bears N.70°E. and S.70°W.; descend 167 ft.

79.92 The cor. of secs. 14, 15, 22 and 23, which is the remains
of a mesquite stake in a mound of stone 3 ft. base and
1 ft. high. In place of remains of stake, which are
deposited alongside post,

Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground
for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T 4 S R 8	E
S 15	S 14
S 22	S 23
1928	

From which the original bearing trees:

A paloverde, 6 ins. diam. bears N.6 $\frac{1}{2}$ °W., 61 lks. dist.

A paloverde, 6 ins. diam. bears N.80 $\frac{3}{4}$ °E., 41 lks. dist.

Both trees bear orig. blazes but marks are rotted out.

A paloverde stump bears S.5°E., 22 lks. dist.

Find no trace of orig. bearing tree SW. of cor.

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

Land: Rolling.

Soil: Clayloam, rocky and gravelly, 2d and 3d rate.

Timber: Paloverde and ironwood.

Undergrowth: Greasewood, mesquite and cacti.

Resurvey of Part of the Subdivisions
of
T. 4. S., R. 8. E.

BOOK 3889

chains

From the cor. of secs. 13, 14, 23 and 24.
S. 89° 53' W. on true line bet. secs. 14 and 23.
Over rolling land, thru scattering timber and brush.

24.50 Wash, 15 lks. wide, course SE.

40.08 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked

S 14
 $\frac{1}{4}$ S 23
1928

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

44.00 Secondary road, bears N. and S.

60.00 Wash, 10 lks. wide, course NE.; foot of rolling hills,
bear NW. and SE.; ascend 70 ft.

74.80 Small spur, slopes N.; continue along N. slope.

80.16 The cor. of secs. 14, 15, 22 and 23.

Land: Rolling and rolling hills.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

N. 89° 43' W. on true line bet. secs. 15 and 22. (E $\frac{1}{2}$.)
Over rolling hills, thru scattering timber and brush.
Along N. slope of hill.

6.50 Descend gradually along NW. slope.

40.16 The $\frac{1}{4}$ sec. cor., which is a decayed paloverde stake, 3 ins.
diam., 2 ft. long, lying on ground; scribe marks no
longer legible. In place of stake, which is deposited
alongside post,

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked

C R / R
 $\frac{1}{4}$ S 15
 $\frac{1}{4}$ S 22
1928

From which the original bearing trees:
A paloverde, 8 ins. diam. bears N. 30° W., 41 lks. dist.
A paloverde, 8 ins. diam. bears S. 88 $\frac{1}{2}$ ° W., 89 lks. dist.
Each tree bears orig. blaze, but scribe marks are rotted
out.

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

An iron post 1 in. diam. 8 ins. above ground bears
N. 0° 08' W., 39 lks. dist. The brass cap on this iron
post is marked

T 4 S
C R / R S 15
R 8 E
S 22
1911

Witnessed by pits NW. and SW. and a mound of earth W.

Land: Rolling hills.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and cacti.

16. BOOK 3889

Resurvey of Part of the Subdivisions
of

T. 4 S., R. 8. E.

chains	
	From the cor. of secs. 14,15,22 and 23. N.0°09'W. on true line bet. secs. 14 and 15. Over rolling hills, thru scattering timber and brush. Descend 45 ft. on N. slope.
5.50	Wash, 10 lks. wide, course NE.; continue over rolling land.
23.60	Dim winding road, bears NE. and SW.
40.47	Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 15 S 14 1928
	Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
42.60	Old winding road, bears E. and W.
54.10	Old winding road, bears NW. and SE.
80.94	The cor. of secs. 10,11,14 and 15, which is an old mesquite stake, 4 ins. sq., $2\frac{1}{2}$ ft. above ground, all scribe marks illegible except the marks XI on NE. side. In place of stake, which is deposited alongside,
	Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 10,11,14 and 15, with brass cap marked
	T 4 S R 8 E S 10 S 11 S 15 S 14 1928
	Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
	Land: Rolling hills and rolling. Soil: Clayloam, rocky and gravelly, 2d and 3d rate. Timber: Paloverde. Undergrowth: Greasewood, mesquite and cacti.

	From the cor. of secs. 11,12,13 and 14. N.89°50'W. on true line bet. secs. 11 and 14. Over rolling land, thru scattering timber and brush.
2.10	Old winding road, bears NW. and SE.
16.20	Wash, 10 lks. wide, course SE.
36.60	Hunt highway, bears NW. and SE. Extends northwesterly to Phoenix, and southeasterly to Florence.
40.07	Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 11 S 14 1928
	Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
57.04	Unimproved road, bears NW. and SE.
80.14	The cor. of secs. 10,11,14 and 15.
	Land: Rolling. Soil: Clayloam, rocky, 2d and 3d rate. Timber: Paloverde. Undergrowth: Greasewood, mesquite and cacti.

Resurvey of Part of the Subdivisions of T. 4 S., R. 8 E. BOOK 3839

chains

S. 89°40'W. on true line bet. secs. 10 and 15. (E $\frac{1}{2}$.)
Over rolling land, thru scattering timber and brush.

- 7.20 Secondary road, bears NE. and SW.
- 28.60 Wash, 15 lks. wide, course SW.
- 37.50 Wash, 20 lks. wide, course south.

40.09 The $\frac{1}{4}$ sec cor., which is the remains of a mesquite stake, 2 ins. sq., 1 ft. long, lying on ground. No marks visible on stake. Dig up other pieces of stake at orig. cor. point. In place of stake, which is deposited alongside post,

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

G R I R		S 10
		S 15
		1928

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

An iron post 1 in. diam. 1 ft. above ground bears S. 0°08'E., 10 lks. dist. The brass cap on this iron post is marked

G R I R		S 10
		T 4 S
		R 8 E
		S 15
		1911

Witnessed by pits NW. and SW. and a mound of earth W.

Land: Rolling.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

From the cor. of secs. 10, 11, 14 and 15.
N. 0°10'W. on true line bet. secs. 10 and 11.
Over rolling land, thru scattering timber and brush.

39.96 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked

		S 10
		S 11
		1928

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

54.80 Hunt Highway, bears NW. to Phoenix and SE. to Florence.
72.80 Old winding road, bears NW. and SE.

79.92 Set an iron post 3 ft. long 2 ins. diam. 33 ins. in ground for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T 4		S R 8 E
S 3		S 2
S 10		S 11
		1928

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

Land: Rolling.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

Resurvey of Part of the Subdivisions
of

T. 4 S., R. 8 E.

Chas. M. S.

From the cor. of secs. 1, 2, 11 and 12.
S. 89° 51' W. on true line bet. secs. 2 and 11. (E 1/2.)
Over rolling land, thru scattering timber and brush.

39.90 The 1/4 sec. cor., which is the remains of a mesquite stake,
3 ins. diam. 1 ft. long, lying on ground. No scribe
marks legible on stake. Other parts of stake dug up
at true cor. point. In place of stake, which is depos-
ited alongside post,

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for 1/4 sec. cor., with brass cap marked

1/4 S 2
S 11
1928

Raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

Thence, S. 89° 42' W. on true line bet. secs. 2 and 11. (W 1/2.)

29.80 Old winding road, bears NE. and SW.

40.06 The cor. of secs. 2, 3, 10 and 11.

Land: Rolling.
Soil: Clayloam, rocky and gravelly, 2d and 3d rate.
Timber: Paloverde.
Undergrowth: Greasewood, mesquite and cacti.

N. 89° 50' W. on true line bet. secs. 3 and 10. (E 1/2.)
Over rolling, nearly level land, thru scattering timber
and brush.

6.10 Secondary road, bears NW. and SE.

19.00 Hunt Highway, bears NW. to Phoenix and SE. to Florence.

40.13 The 1/4 sec. cor., which is the remains of a mesquite stake,
3 ins. sq., 1 ft. long, lying on ground. Other parts
of stake dug up at true cor. point. In place of stake,
which is deposited alongside post,

Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for 1/4 sec. cor., with brass cap marked

G R I R | 1/4 S 3
1/4 S 10
1928

Raise a mound of stone 2 ft. base 1 1/2 ft. high E. of cor.

An iron post 1 in. diam. 1 ft. above ground bears
S. 0° 08' E., 32 lks. dist. The brass cap on this iron
post is marked

G R I R | S 3
T 4 S
R 8 E
S 10
1911

witnessed by pits NW. and SW. and a mound of earth W.

Land: Nearly level.
Soil: Clayloam, sandy, 2d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.

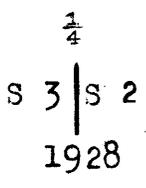
Resurvey of Part of the Subdivisions
of
T. 4 S., R. 8 E.

BOOK 8839

chain

From the cor. of secs. 2,3,10 and 11.
N.0°40'W. on true line bet. secs. 2 and 3.
Over level land, thru scattering timber and brush.

39.96 Set an iron post 3 ft. long 1 in. diam. 33 ins. in ground
for $\frac{1}{4}$ sec. cor., with brass cap marked



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

79.43 The cor. of secs. 2,3,34 and 35, on N. bdy. of Tp., here-
inbefore described.

Land: Level.
Soil: Clayloam, sandy, 2d rate.
Timber: Paloverde and ironwood.
Undergrowth: Greasewood, mesquite and cacti.



The continued satisfactory adjustment of the solar apparatus of the instrument used in the execution of the resurveys described in the foregoing notes is indicated from field tests of said instrument, described in book "G" of this group.

GENERAL DESCRIPTION.

This township is situated in the valley of the Gila River and the surface is generally rolling, with level land in the S. and N. tier of sections.

The drainage is southerly, to the Gila River.

The soil is a clayloam, gravelly and rocky, and can generally be classed as 2d and 3d rate. The level land in the S. and N. tier of sections is not rocky, and land in secs. 35 and 36 is under cultivation.

The township is covered with a scattering growth of paloverde and ironwood trees. Undergrowth is greasewood, scattering mesquite and cacti.

There is no surface water in the township, and no certainty as to the depth at which water may be found.

The Hunt Highway bears NE. to Phoenix and SW. to Florence thru the E $\frac{1}{2}$ of the township. There are other roads of secondary nature thruout the township. The Ariz. Eastern R.R. bears NE. and SW. in secs. 35 and 36, and the old Phoenix and Eastern R.R. bears NW. and SE. thru sec. 1.

Improved land is in secs. 35 and 36, only. There are no indications of mineral activity in the township.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK I, 3839

I, Dupree R. Averill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 150, Arizona bearing date of the 5th day of January, 1928, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the North Boundary

and

Subdivision Lines of

Township 4 South, Range 8 East of the Gila and Salt

River Base and 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 all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 150, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona

Date: May 14, 1928.

Dupree R. Averill U. S. Surveyor.

APPROVAL.

OFFICE OF THE SUPERVISOR OF SURVEYS,

Denver, Colo., JUL 15 1929, 192

The foregoing field notes of the survey of

Part of the North Boundary (East 2 1/2 miles)

and

Part of the Subdivision Lines (East 2 1/2 ranges of secs.)

of

Township 4 South, Range 8 East

of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by Dupree R. Averill, U.S. Surveyor

under his special instructions dated January 5, 1928 for Group 150, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U. S. Surveyor General