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Book "C"

4-879

BOOK 3572

# FIELD NOTES

CONTENTS OF THE

RETRACEMENT,

RESURVEY,

and

SURVEY OF

Part of the Subdivision Lines of

TOWNSHIP 7 SOUTH, RANGE 6 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

U.S. Cadastral Engineer,

In the capacity of U. S. Surveyor, *Special* under instructions dated May 23, 1921, issued by the United States Surveyor General to govern surveys included in Group No. 116, Ariz., which were approved by the Commissioner of the General Land Office, July 6, 1921 and Assignment Instructions dated Nov, 21, 1921.

Retracement, Resurvey and Survey commenced January 21, 1922.

Retracement, Resurvey and Survey completed January 25, 1922.

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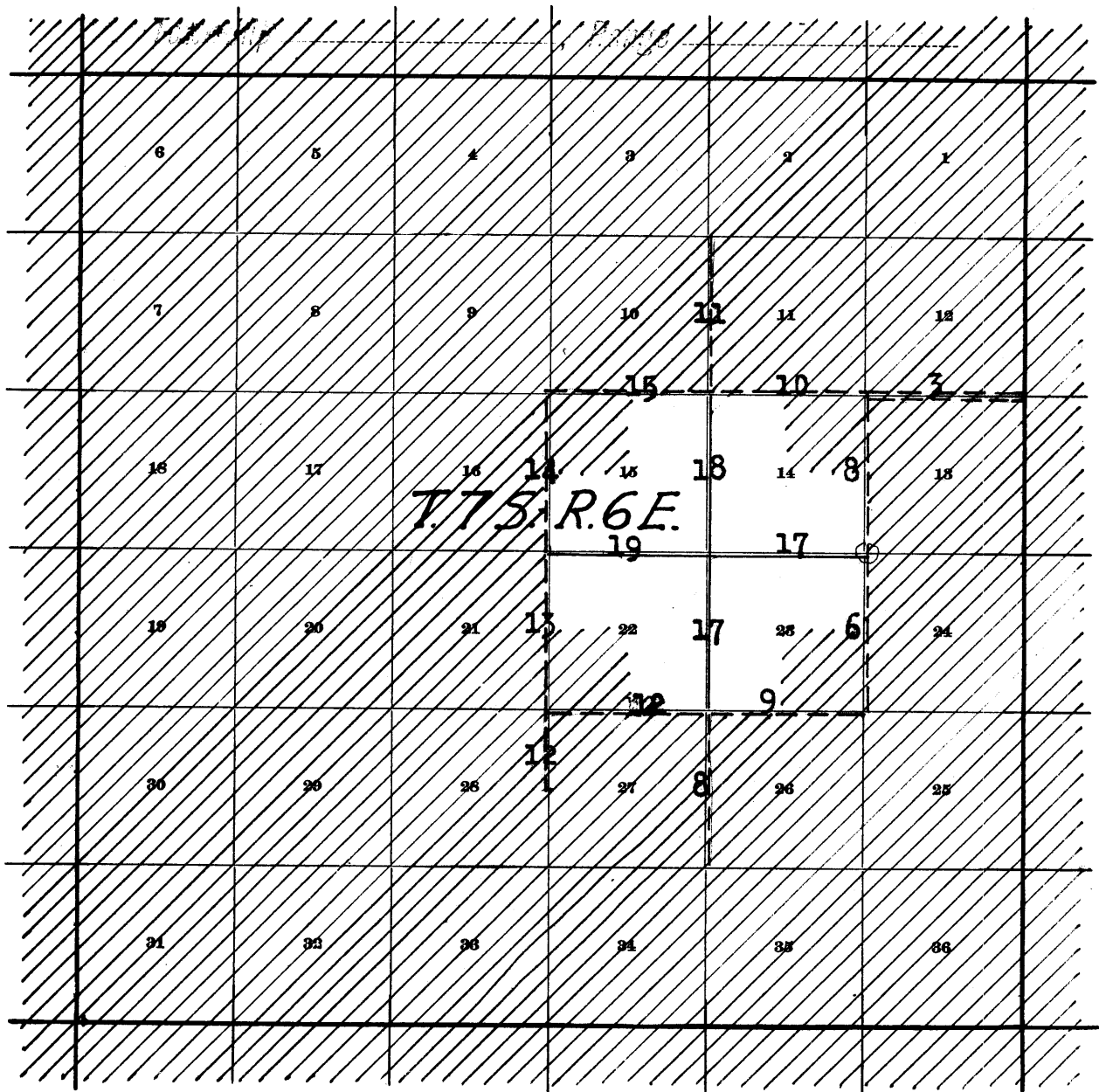
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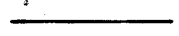
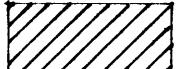
(A)

Book "C"  
Group 116- - Arizona.

BOOK 3572

### INDEX DIAGRAM.



-  Lines retraced under this group.
-  Lines resurveyed under this group.
-  Lines surveyed under this group.
-  Accepted surveys.
-  Areas surveyed as per accepted plats on file.

Book "C"

Group 116 - - - - Arizona.

Township 7 South, Range 6 East.

DATE DIAGRAM.

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

DATE DIAGRAM DETAILS:

- Block 10: RESURV. 1-25-22
- Block 11: RESURV. 1-25-22
- Block 12: RETRACED 1-21-22
- Block 15: RESURV. 1-23-22
- Block 14: RESURV. 1-23-22
- Block 13: RESURV. 1-24-22
- Block 16: RESURV. 1-25-22
- Block 17: RESURV. 1-25-22
- Block 18: RESURV. 1-25-22
- Block 19: RESURV. 1-25-22
- Block 20: RESURV. 1-25-22
- Block 21: RESURV. 1-25-22
- Block 22: RESURV. 1-24-22
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- Block 24: RESURV. 1-24-22
- Block 25: RESURV. 1-24-22
- Block 26: RESURV. 1-24-22
- Block 27: RESURV. 1-24-22
- Block 28: RESURV. 1-24-22
- Block 29: RESURV. 1-24-22
- Block 30: RESURV. 1-24-22

Lines retraced, resurveyed or surveyed with dates shown on above diagram, by Sidney E. Blout, U.S. Cadastral Engineer.

The retracements, resurveys, and surveys hereinafter described, executed on dates shown on diagram on page 1 hereof by Sidney E Blout, U.S. Cadastral Engineer, using an A Lietz light mountain transit No. 6166, equipped with improved Smith solar attachment. All azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris for meridian upon which to test the solar apparatus as stated in the field notes.

The instrument was examined, tested on the meridian at the Federal Building at Phoenix Arizona November 8, 1921, found correct, and was approved by the Assistant Supervisor of Surveys for Arizona and California, conditional upon satisfactory field tests.

#### FIELD TEST OF INSTRUMENT.

January 20, 1922, At camp near the cor. of secs. 13, 14, 23, and 24, T7S., R6E., of the Gila and Salt River Base and Meridian, Arizona, in latitude  $32^{\circ}48'18''$  N., and longitude  $111^{\circ}41'28''$  W.; examine the adjustments of the transit and correct all level and collimation errors, then, to test the solar apparatus, by comparing the results of observations on the sun, made during a.m., and p.m., hours with a meridian, established by observations on Polaris; proceed as follows;

At same station, at  $4^{\text{h}} 00^{\text{m}}$  p.m. app. time Jan. 20,; set off  $32^{\circ}48\frac{1}{2}'$  N. on the lat arc,  $20^{\circ}04\frac{1}{2}'$  S. on the decl. arc and determine a meridian with the solar and mark a point thereof on a peg driven firmly in the ground about 8 chs. N.

At the same station at  $10^{\text{h}} 32^{\text{m}}$  p.m., l.m.t. I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions. and mark the mean point in the direction thus determined on a peg driven firmly in the ground 8 chs. N.

January 21, 1922. I lay off the azimuth of Polaris  $1^{\circ}16'$  to the east and mark the meridian thus determined by a tack driven in the peg already set about 8 chs. N. on which the meridian falls  $01\frac{1}{2}'$  E. of the mark determined by the solar observation.

At the same station at  $8^{\text{h}} 00^{\text{m}}$  a.m. app. time with the lat. arc unchanged, set off  $19^{\circ}55\frac{1}{2}'$  S. on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set about 8 chs. N.; this mark falls  $00\frac{1}{2}'$  E. of the meridian established by the Polaris observations.

The solar apparatus by p.m. and a.m. observations, defines positions for meridians which agree well within the prescribed limits of  $01\frac{1}{2}'$  with the meridian established by the Polaris observations, therefore conclude that the adjustments of the transit are satisfactory.

The magnetic bearing of the true meridian at 8 a.m. is N.  $14^{\circ} 20'$  W.

All measurements are made with a LuRkin 5 chain steel tape, compared with a Chesterman standard steel tape, and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

## Retracement of part of Subdivision lines of T. 7 S., R. 6 E. 3

Chains.

The subdivision lines of this Tp., with the exception of the lines bet. secs. 11 & 14, and 15 & 14 and 23, 15 and 22, and 22 and 23, were surveyed by R. C. Powers, U.S.D.S. in 1888, and no retracement or resurvey of any part of such lines is of record. The following notes describe a retracement of the line bet. secs. 12 and 13.

The recognized cor. of secs. 7, 12, 13 and 18 on E. bdy. of the Tp. is a mesquite post, 2 ins. sq., greatly decayed, buried 4 ins. below the surface of the ground at intersection of public cross roads, bearing E. and W. and N. and S. No accessories. This monument was probably set by private surveyor when the roads were established, as the original monument set by R. C. Powers, U.S.D.S. in 1887 would have interfered with travel on the roads.

Thence,

West, on a random line, bet. secs. 12 and 13.

Over level land, thru. scattering undergrowth. Along road bearing E. and W.

0.50 SE. cor. of field, brs. N. 45 lks. dist.

40.11 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor.

Continue line and measurement.

50.50 W.T.O. irrigation lateral ditch, course N.

58.20 Ranch house brs. N. 2 chs. dist.

60.75 Well and pump house brs. N. 2 chs. dist.

74.10 Wash, 20 lks. wide, 4 ft. deep, course N. 10° W.

80.92 SW. cor. of field brs. N. 40 lks. dist.

81.44 Fall 47 lks. N. of the remains of the original cor. of secs. 11, 12, 13 and 14, hereinafter described.

True course and dist. of line bet. secs. 12 and 13 are therefore S. 89° 40' W., 81.44 chs.

Land, level.

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, scattering greasewood.

Fair grass.

## 4 Resurvey of part of Subdivision lines of T.7 S., R. 6 E.

Chains.

Retracement for Resurvey.

- From the remains of the original cor. of secs. 11, 12, 13 and 14,  
 S.0°01'E., on a random line, bet. secs. 13 and 14.
- 40.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. Set temp.  $\frac{1}{4}$  sec. cor. Continue line and measurement.
- 80.32 Intersect remains of original cor. of secs. 13, 14, 23 and 24, hereinafter described. True course and distance of line bet. secs. 13 and 14 are therefore N.0°01'W., 80.32 chs.
- 
- S.0°01'E., on a random line, bet. secs. 23 and 24 (N. $\frac{1}{2}$ ).  
 40.24 Fall 14 lks. E. of the original  $\frac{1}{4}$  sec. cor., hereinafter described. True course and dist. of N. $\frac{1}{2}$  of line bet. secs. 23 and 24 are therefore N.0°11'E., 40.24 chs. Thence,  
 40.28 S.0°01'E., on a random line, bet. secs. 23 and 24 (S. $\frac{1}{2}$ ) Fall 13 lks. E. of the original cor. of secs. 23, 24, 25 and 26, hereinafter described. True course and dist. of S. $\frac{1}{2}$  of line, bet. secs. 23 and 24 are therefore N.0°11'E., 40.28 chs.
- 
- S.89°40'W., on a random line, bet. secs. 23 and 26 (E. $\frac{1}{2}$ ).  
 39.89 Fall 4 lks. S. of the original  $\frac{1}{4}$  sec. cor., hereinafter described. True course and dist. of E. $\frac{1}{2}$  of line bet. secs. 23 and 26 are S.89°43'W., 39.89 chs. Thence,  
 40.08 S.89°40'W., on random line, bet. secs. 23 and 26 (W. $\frac{1}{2}$ ). Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 22, 23, 26 and 27. Thence,  
 S.89°47'W., on random line, bet. secs. 22 and 27 (E. $\frac{1}{2}$ ), continuing measurement from  $\frac{1}{4}$  sec. cor. of secs. 23 and 26.
- 78.94 Fall 1.00 ch. S. of the original  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, hereinafter described. This falling corresponds to a falling of 62 lks. S. of same cor. for a random line west from  $\frac{1}{4}$  sec. cor. of secs. 23 and 26. True course and dist. of line between said  $\frac{1}{4}$  sec. cors. are therefore S.89°33'E., 78.94 chs. From the  $\frac{1}{4}$  sec. cor. of secs. 22 and 27  
 S.89°33'E., on trial latitudinal sec. line, bet. secs. 22 and 27 (E. $\frac{1}{2}$ ).
- 39.39 (Proportional dist.) Set temp. cor. of secs. 22, 23, 26 and 27. Thence,  
 S.89°33'E., on trial latitudinal sec. line, bet. secs. 23 and 26 (W. $\frac{1}{2}$ ).
- 39.55 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 23 and 26, hereinafter described.
- 
- From the original cor. of secs. 26, 27, 34 and 35, hereinafter described,  
 N.0°01'W., on a random line, bet. secs. 26 and 27 (S. $\frac{1}{2}$ ).  
 40.20 Fall 46 lks. W. of the original  $\frac{1}{4}$  sec. cor., hereinafter described. True course and dist. of S. $\frac{1}{2}$  of line bet. secs. 26 and 27 are therefore N.0°39'E., 40.20 chs.

## Resurvey of part of Subdivision lines of T.7 S. R. 6 E.

5

Chains.	Retracement for Resurvey, (continued)
39.89	Thence, N.0°01'W., on a random line, bet. secs.26 and 27 (N.½). The temp.cor.of secs.22,23,36 and 27 set on trial latitudinal sec.line, brs.West 67 lks. dist.
40.00	Diligent search in this vicinity fails to reveal any trace of the original cor. of secs.22,23,26 and 27. Set temp.cor.of said secs. The point for reestablishment of this sec.cor. is 67 lks.W.of this temp.cor., and 11 lks.N. of the temp.cor. of same secs. set on the trial latitudinal sec.line. The sec.cor.is reestablished at such point, as hereinafter described. The true courses and distances of the section lines to this reestablished sec.cor.point are as follows: W.½ of line, bet.secs.23 and 26, N.89°23'W., 39.55 chs. N.½ of line bet.secs.26 and 27, N.0°59'W., 40.01 chs. E.½ of line bet.secs.22 and 27, S.89°43'E., 39.39 chs.
40.20	From original ¼ sec.cor. of secs.22 and 27, S.89°47'W., on a random line, bet. secs. 22 and 27 (W.½). Fall 65 lks.S. of remains of original cor. of secs.21,22, 27 and 28, hereinafter described. True course and dist. of W.½ of line, bet. secs.22 and 27 are therefore N. 89°17'W., 40.21 chs.
40.32	From the original ¼ sec.cor. of secs.27 and 28, hereinafter described, N.0°02'W., on a random line, bet.secs.27 and 28 (N.½). Fall 38 lks.W. of the remains of the original cor.of secs. 21,22, 27 and 28, hereinafter described. True course and dist. of N.½ of line, bet. secs.27 and 28 are therefore N.0°30'E., 40.32 chs.
40.00	N.0°02'W.on a random line, bet. secs. 21 and 22, Diligent search in this vicinity fails to reveal any trace of the original ¼ sec.cor. Set temp.¼ sec.cor. Continue line and measurement.
80.96	Fall 8 lks.E. of the original cor.of secs.15,16,21 and 22, hereinafter described. True course and dist. of line bet. secs. 21 and 22 are therefore N.0°05'W., 80.96 chs.
40.05	N.0°02'W., on a random line, bet. secs.15 and 16. Fall 26 lks.E. of the original ¼ sec.cor., hereinafter described. True course and dist.of S.½ of line, bet. secs.15 and 16, are therefore N.0°24'W., 40.05 chs.
40.00	Thence, N.0°02'W.on random line, bet.secs.15 and 16 (N.½). Intersects the old cor.of secs.9,10,15 and 16, hereinafter described and dist. of N.½ of line bet.secs.15 and 16, True course and dist.of N.½ of line bet.secs.15 and 16 are therefore N.0°02'W., 40.00 chs.
40.00	From the remains of the original cor.of secs.11,12,13 and 14, West, on a random line, bet. secs.11 and 14. Diligent search in this vicinity fails to reveal any trace of the original ¼ sec.cor.
80.00	Continue line and measurement. Diligent search in this vicinity fails to reveal any trace of the original cor. of secs.10,11,14 and 15.
119.95	Thence, N.89°42'W., on a random line, bet. secs.10 and 15, continuing measurement. Diligent search in this vicinity fails to reveal any

6 Resurvey of part of Subdivision lines of T.7 S., R. 6 E.

Chains. Retracement for Resurvey (cont'd).  
 trace of the original  $\frac{1}{4}$  sec. cor.  
 Continue line and measurement.  
 159.50 Fall 44 lks. S. of the original cor. of secs. 9, 10, 15 and 16, hereinafter described.  
 This falling corresponds to a falling of 86 lks. S. of same cor. for a random line West from the cor. of secs. 11, 12, 13 and 14.  
 True course and distance of line between said sec. cors. are therefore S. 89° 41' E., 159.50 chs.  
 From original cor. of secs. 9, 10, 15 and 16; S. 89° 41' E.; on trial latitudinal sec. line, bet. secs. 10 and 15.  
 39.85 (Proportional dist.) Set temp.  $\frac{1}{4}$  sec. cor. of secs. 10 and 15.  
 79.70 (Proportional dist.) Set temp. cor. of secs. 10, 11, 14 and 15.  
 Thence, S. 89° 41' E.; on trial latitudinal sec. line, bet. secs. 11 and 14.  
 39.90 (Proportional dist.) Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect the remains of the original cor. of secs. 11, 12, 13 and 14.

-----  
 From the recognized cor. of secs. 2, 3, 10 and 11, hereinafter described,  
 S. 0° 1' E., on random line, bet. secs. 10 and 11 (N.  $\frac{1}{2}$ ).  
 39.95 Fall 12 lks. W. of the recognized  $\frac{1}{4}$  sec. cor., hereinafter described.  
 True course and distance of N.  $\frac{1}{2}$  of line bet. secs. 10 and 11 are therefore N. 0° 11' W., 39.95 chs.  
 Thence;  
 S. 0° 1' E.; on random line, bet. secs. 10 and 11 (S.  $\frac{1}{2}$ ).  
 40.00 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 10, 11, 14 and 15.  
 Set temp. cor. of said secs.  
 Continue line and measurement.  
 40.18 The temp. cor. of same secs. set on trial latitudinal sec. line bears West, 36 lks. dist.  
 The point for reestablishment of this sec. cor. is 18 lks. N. of the temp. sec. cor. set on trial latitudinal sec. line; and 36 lks. W. of the temp. sec. cor. set 40.00 chs. S. 0° 1' E. from the  $\frac{1}{4}$  sec. cor. of secs. 10 and 11.  
 The sec. cor. is reestablished at this point as hereinafter described.  
 The true courses and distances of the sec. lines to this reestablished sec. cor. point are as follows:  
 Line bet. secs. 11 and 14, N. 89° 33' W., 79.80 chs.  
 Line bet. secs. 10 and 15, S. 89° 49' E., 79.70 chs.  
 S.  $\frac{1}{2}$  of Line bet. secs. 10 and 11, S. 0° 30' W., 40.00 chs.

RESURVEY.

The original cor. of secs. 23, 24, 25 and 26 is a mesquite post 3 $\frac{1}{2}$  ins. sq.; projecting 24 ins. above ground, firmly set, marked TVIISXXIV on NE. face, RVIESXXV on SE. face, and SXXIII on NW. face, 1 notch on E. edge, and 2 notches on S. edge. No accessories.  
 Reconstruct this cor. as follows:  
 Alongside old post, set an iron post, 3' ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap,

T7S	R6E
S23	S24
S26	S25



Resurvey of part of Subdivision lines of T.7 South, Range 6 East. 7

Chains.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Thence, N.0°11'E., on true line, bet. secs.23 and 24. (S.½). Over level land devoid of timber or undergrowth, about 40 lks.E.from wire fence, bearing N. and S.

13.94 Wire fence, brs.E.and W.

18.84 N. edge of level land brs.NW.and SE. Leave level, and enter rolling land.

Ascend gradually over SW.slope.

19.40 Road, brs.NW. and SE.

25.86 Intersect mesquite post 3 ins.sq., firmly set in mound of stone, marked WC TVIRVIISXXIV. There is no record of a monument of this description on this line. Therefore, it must have been set in some private survey.

26.00 Top of ascent on W.side of Stiles Butte, the top of which brs. E. about 5 chs.dist.

Descend gradually over NW.slope, to

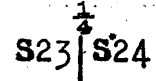
33.04 Road, brs.N.40°E. and S.50°W. Enter road bearing N. and S. Leave rolling, and enter level land.

38.34 A house brs.West 150 lks.dist.

40.28 Intersect the original ¼ sec.cor., which is an ironwood post 3 ins.sq., buried 2 ins. below surface of the ground, marked ¼ S on W.face. No accessories. This cor.is in center of road bearing N.and S., which is the reason for the original cor. being buried in this manner.

Reconstruct this cor.as follows.

Alongside the old post, set an iron post, 3 ft.long, 1 in in diam., 38 ins.in the ground with a stone marked with a cross (x) deposited at base for ¼ sec.cor., marked on brass cap,



1922

Thence, N.0°11'E., on true line, bet. secs.23. and 24 (N.½). Continue over level open land along road between wire fences bearing N. and S.

25.49 Gate in wire fence, brs.E.and W. at N.edge of level land, bearing E. and W.

Fence cor.bears W. about 50 lks.dist., from which fence extends E., W. and S. Fence cor.brs.E. about 45 lks. dist., from which fences extend N., S. and W.

Leave level, and enter rolling land.

Ascend 10 ft., over S.slope. Leave road, brs.N.10°W. and S.

26.74 Low ridge, brs.N.80°E and S.80°W.

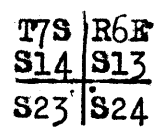
Descend 20 ft., over N.slope, to

30.22 Foot of ridge, brs.E.and W. Leave rolling, and enter level land.

40.24 Intersect the remains of the original cor.of secs.13,14, 23 and 24, which is a mesquite post, 4 ins.sq., broken off at surface of ground, with distinct remains of the original accessories, consisting of pits and earth mound. No bearing trees.

Reconstruct this cor. as follows:

Alongside old wood post, set an iron post, 3 ft.long, 2 ins.in diam., 30 ins.in the ground for cor.of secs.13,14, 23 and 24, marked on brass cap,



1922

Dig pits, 18x18x12 ins., one each NE., SE., SW. and NW. of post, 3 ft. dist.

Fence cor.brs.E.44 lks.dist., from which fences extend

## 8 Resurvey of part of Subdivision lines of T. 7 S., R. 6 E.

Chains.

E. and S.  
Land, level and rolling.  
Soil, sandy and gravelly and rocky, 1st, 2nd and 3rd rate.  
Timber, none.  
Undergrowth, none.  
Fair grass.

40.16

N. 0° 1' W., on true line, bet. secs. 13 and 14.  
Over level land, thru scattering undergrowth.  
(Proportional dist) Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$   
 S14 | S13  
 1922

Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.

40.18

Iron pipe firmly set in ground, unmarked, probably a private survey marker.

47.32

Crossing of two roads, one bearing N. and S. 10° W., and the other NW. and SE. The latter road extends northwesterly to Casa Grande. Thence in road.

60.25

An iron pipe firmly set in ground, unmarked at east side of road, probably a private survey marker.

80.32

Intersect the original cor. of secs. 11, 12, 13 and 14, which is a mesquite post, 3 ins. sq., greatly decayed marks nearly obliterated buried 2 ins. below the surface of the ground. Reconstruct this cor. as follows: Alongside the old wood post, set an iron post 3 ft. long, 2 ins. in diam., 38 ins. in the ground, with a stone marked with a cross (x) deposited at base for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T7S | R6E  
 S11 | S12  
 S14 | S13  
 1922

This cor. falls in road, where accessories would interfere with travel. Roads extend N., S. and E. from this cor.

Land, level.

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, scattering greasewood.

Fair grass.

The original cor. of secs. 26, 27, 34 and 35 is a decayed post 3 ins. sq., marking obliterated, projecting 12 ins. above ground, against which is a redwood plank 28 ins. x 28 ins. projecting 28 ins. above ground, firmly set, marked S26, S35 on E. face, and S27, S34 on W. face. No accessories.

Reconstruct this cor. as follows:

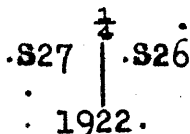
Alongside the wood post and plank, Set an iron post 3 ft. long, 2 ins. in diam., 34 ins. in the ground, with a stone marked with a cross (x) deposited at base for cor. of secs. 26, 27, 34 and 35, marked on brass cap,

T7S | R6E  
 S27 | S26  
 S34 | S35  
 1922

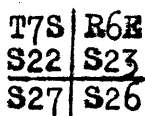
Resurvey of part of Subdivision lines of T.7 S., R. 6 E.

Chains.

Thence,  
 N.0°39'E., on a true line, bet. secs.26 and 27 (S.½).  
 Over level land, scattering undergrowth to the east, cultivated land to the west.  
 .45 Fence cor.brs.W. 45 lks.dist. from which fences extend N. and W.; enclosing cultivated field.  
 13.00 A house brs.W. about 2.00 chs.dist. with several out-buildings close by.  
 40.20 Intersect the old ¼ sec.cor., which is a mesquite post 3 ins.sq., projecting 24 ins. above ground, firmly set, and marked ¼ S on W.face. No accessories.  
 Reconstruct this cor. as follows:  
 Alongside old post, set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap,



Dig pits, 18x18x12 ins., one each N. and S. of post, 3 ft. dist.  
 Fence cor. brs.W. 46 lks.dist., from which fences extend W. and S. enclosing cultivated field.  
 Thence,  
 N.0° 59'W., on true line bet. secs.26 and 27 (N.½).  
 Over level land, thru. scattering undergrowth.  
 10.00 Leave level and enter rolling land.  
 Ascend gradually over SW.slope.  
 21.80 Wash, 45 lks.wide, 5 ft. deep, course SW. Thence over SE. slope, ascending gradually.  
 38.20 Wash, 5 lks.wide in gully, 6 ft. deep, course SE.  
 40.01 Intersect the reestablished point for cor. of secs.22,23, 26 and 27, determined as hereinbefore described, at which point, set an iron post, 3 ft.long, 2 ins. in diam., over a cross (x) marked on bed rock, and raise a mound of stone 5 ft. base, 3 ft.high, around post for reestablished cor. of secs. 22,23,26 and 27, marked on brass cap,



1922

Land, S.50 chs., level; remainder, rolling.  
 Soil, sandy and gravelly, 1st and 2nd rate.  
 Timber, none.  
 Undergrowth, scattering greasewood and scrub palo verde.  
 Fair grass.

-----  
 From the cor. of secs. 23,24,25 and 26, hereinbefore described,  
 S.89°43'W., on true line, bet. secs.23 and 26 (E.½)  
 Over level land devoid of timber or undergrowth.  
 .40 Intersect wire fence corner, from which fences extend N. and W.; thence along fence.  
 31.80 Wire fence cor. on line from which fences extend N. and E. Leave fence and level open land, and enter mountainous land and scattering undergrowth near SE. end of Casa Grande Mt.  
 Ascend 125 ft., over E. slope, to  
 39.89 Intersect the original ¼ sec.cor., which is a decayed mesquite post, 3 ins.sq., set firmly in the ground and mound of stone, faintly marked ¼ S on N.face. No accessories.

## 10 Resurvey of part of Subdivision lines of T. 7 S., R. 6 E.

Chains.

Reconstruct this cor. as follows:

Alongside the old wood post, set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2 ft. high around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 23  
S 26  
1922

Thence,

- N.  $89^{\circ}23'$  W., on true line, bet. secs. 23 and 26 ( $W. \frac{1}{2}$ ).  
Over mountainous land, thru. scattering undergrowth.  
Ascend 52 ft., over E. slope.
- 2.11 Rocky spur, slopes S.  
Descend 25 ft., over SW. slope.
- 7.60 Head of rocky gulch, 15 lks. wide, course SE.  
Ascend 125 ft., over E. slope.
- 11.40 Rocky spur, slopes S.  
Descend 225 ft., over W. slope.
- 24.90 Rocky wash, 45 lks. wide in gulch, course S.  $30^{\circ}$  W. Leave mountainous, and enter rolling land; along S. slope, with slight change in elevation.
- 30.61 Wash, 20 lks. wide, 5 ft. deep, course S.
- 36.30 Wash, 20 lks. wide, course SE.  
Ascend gradually over SE. slope.
- 39.55 Intersect the reestablished cor. of secs. 22, 23, 26 and 27, hereinbefore described.  
Land, E. 32 chs. level; W.  $14\frac{1}{2}$  chs. rolling, remainder mountainous.  
Soil, sandy and gravelly, 1st and 2nd rate in E. 32 chs.; gravelly and rocky, 3rd and 4th rate in remainder.  
Timber, none.  
Undergrowth, scattering greasewood, scrub mesquite and palo verde, and cactus in W. 48 chs. No undergrowth elsewhere.  
Fair grass.

-----  
From the cor. of secs. 11, 12, 13 and 14, hereinbefore described,

- N.  $89^{\circ}33'$  W., on true line, bet. secs. 11 and 14.  
Over level land, thru. scattering undergrowth.
- .52 Wire fence, brs. N. and S.
- 19.60 Road, brs. N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E. Extends northwesterly to Casa Grande.
- 30.00 Leave level land, brs. NE. and SW., and enter rolling land.  
Ascend 58 ft., over NE. slope, to
- 39.90 (Midpoint) set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 11  
S 14  
1922

- Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Continue over rolling land, thru. scattering undergrowth.  
Descend slightly over NW. slope, to
- 42.00 Wash, 10 lks. wide, 5 ft. deep, course NE.  
Ascend 20 ft., over NE. slope, to
- 52.70 Dry wash, 15 lks. wide, 3 ft. deep, course NE.  
Ascend 60 ft., over NE. slope, to
- 67.00 Wash, 30 lks. wide, 4 ft. deep, course N.  $50^{\circ}$  E.  
Ascend 30 ft., over SE. slope, to
- 71.00 Foot of steep slope, brs. NE. and SW. Leave rolling, and enter mountainous land.

## Resurvey of part of Subdivision lines of T.7 S., R.6 E. 11.

Chains.

- 79.80 Ascend 100 ft., over SE. slope, to intersect the reestablished point for cor. of secs. 10, 11, 14 and 15, determined as hereinbefore described. At this point, reestablish the sec. cor. as follows:  
Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x), and raise a mound of stone 4 ft. base, 2 ft. high around post, for reestablished cor. of secs. 10, 11, 14 and 15, marked on brass cap,
- |     |     |
|-----|-----|
| T7S | R6E |
| S10 | S11 |
| S15 | S14 |
- 1922
- Land, E. 30 chs. level; W. 9 chs. mountainous; remainder, rolling.  
Soil, in E. 30 chs., sandy and gravelly, 1st and 2nd rate; remainder, gravelly and rocky, 3rd and 4th rate.  
Timber, none.  
Undergrowth, scattering greasewood, scrub mesquite, palo verde and cactus. Fair grass in E. half; none elsewhere.
- 
- N. 0° 30' E., on true line, bet. secs. 10 and 11 (S.  $\frac{1}{2}$ ).  
Over mountainous land, thru. scattering undergrowth.  
Ascend 50 ft., over S. slope.
- 2.30 Point of spur, slopes SE. Desc. gradually over E. slope, to  
9.80 Top of granite cliff 30 ft. high, bearing NW. and SE., facing NE. From foot of cliff, desc. 236 ft. over N. slope, to  
23.60 Foot of steep descent, brs. E. and W. Leave mountainous and enter gently rolling land.  
Descend slightly over N. slope, to  
33.00 Wash, 20 lks. wide, 1½ ft. deep, course NE. Continue over gently rolling land, sloping NE.  
40.00 Intersect an iron pipe, 2 ins. in diam., projecting 8 ins. above ground, firmly set, and surrounded by a mound of stone. This is recognized by settlers in the vicinity as marking the original point of location of the  $\frac{1}{4}$  sec. cor. of secs. 10 and 11.  
Reconstruct this cor. as follows:  
Alongside the iron pipe, Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,
- |     |     |
|-----|-----|
| S10 | S11 |
|-----|-----|
- 1922
- Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Thence,  
N. 0° 11' W., on true line, bet. secs. 10 and 11 (N.  $\frac{1}{2}$ ).  
Over gently rolling land, sloping NE., thru. scattering undergrowth.
- 7.87 Road, brs. NW. and SE.  
21.35 Road, brs. N. 70° W. and S. 70° E. Leave gently rolling, and enter level land.  
36.67 Old road, brs. N. 20° W. and S. 20° E.  
39.95 Intersect an iron pipe; 2 ins. in diam., projecting 10 ins. above ground; firmly set, and surrounded by a mound of stone. This is recognized by settlers in the vicinity as marking the original point of location of the cor. of secs. 2, 3, 10 and 11.
- Land, S. 23½ chs., mountainous; N. 18½ chs. level; remainder of mile, gently rolling.  
Soil in S  $\frac{1}{2}$  gravelly and rocky, 3rd and 4th rate; in N.  $\frac{1}{2}$ , sandy and gravelly, 1st and 2nd rate.  
Timber, none.  
Undergrowth, scattering greasewood, scrub mesquite and palo verde and cactus. Fair grass in N.  $\frac{1}{2}$ ; no grass in S.  $\frac{1}{2}$ .
- 0

## 12. Resurvey of part of Subdivision lines in T.7 S., R. 6 E.

Chains.

At a point in center of road, midway bet. fence cors. E. and W., dig a pit and at 4 ins. below surface of the ground, find decayed end of the mesquite post of record as having been set as monument for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Reconstruct this cor. as follows:

Alongside the old wood post, set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with a stone, marked with a cross (x) at base of post, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$   
S28 | S27  
1922

Omit cor. accessories for reason that same would interfere with travel on road.

Fence cor. brs. E. 45 lks. dist., from which fences extend N. and E.

Another fence cor. brs. W. 45 lks. dist., from which fences extend N. and W.

Thence, N.  $0^{\circ}30'$  E., on true line, bet. secs. 27 and 28 (N.  $\frac{1}{2}$ ).

Over level land, along road bet. wire fences bearing N. and S. No timber or undergrowth.

20.01 Fence cor. brs. W. 45 lks. dist., from which fences extend S. and W. Another fence cor. brs. E. 50 lks. dist., from which fences extend N., S. and E.

Continue over level land, along road parallel to and 50 lks. W. from fence bearing N. and S.

40.32 Point in center of road 50 lks. W. from fence cor., from which fences extend E. and S. Dig a pit at this point, and at 3 ins. below surface of the ground, find the decayed end of the mesquite post of record as having been set as monument for the cor. of secs. 21, 22, 27 and 28.

Reconstruct this cor. as follows:

Alongside the old wood post, set an iron post, 3 ft. long, 2 ins. in diam., 38 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap,

T7S | R6E  
S21 | S22  
S28 | S27  
1922

Omit the cor. accessories for the reason that same would interfere with travel on the road.

Road, brs. N.  $5^{\circ}$  E. and S. at this cor.

Land, level.

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, none. Fair grass.

-----  
From the reestablished cor. of secs. 22, 23, 26 and 27, hereinbefore described,

N.  $89^{\circ}43'$  W., on true line, bet. secs. 22 and 27 (E.  $\frac{1}{2}$ ).

Over rolling land, thru. scattering undergrowth.

2.36 Wash, 15 lks. wide, in gully, 6 ft. deep, course SE. Leave rolling and enter mountainous land.

Ascend 300 ft., over E. slope.

15.26 Rocky spur, slopes SE. Desc. 332 ft., over SW. slope, to

29.55 Foot of steep descent, brs. NW. and SE. Leave mountainous, and enter gently rolling land.

Descend slightly over SW. slope, to

39.19 Road, brs. N. and S. Extends northwesterly to Casa Grande. Leave gently rolling land, and scattering undergrowth and enter level land, devoid of timber or undergrowth.

Resurvey of part of Subdivision lines of T.7 S., R.6 E. 13

Chains.

39.39 Intersect the original  $\frac{1}{4}$  sec.cor., which is a mesquite post, 3 ins. sq., projecting 12 ins. above ground, marked  $\frac{1}{4}$  S on N.face, set firmly alongside fence cor.post, from which wire fences extend W.and S.  
 Reconstruct this cor. as follows:  
 Alongside the old wood post, Set an iron post 3 ft.long, 1 in.in diam., 26 ins.in the ground, for  $\frac{1}{4}$  sec.cor., marked on brass cap,

$\frac{1}{4}$ S 22
S 27
1922

Raise a mound of stone, 2 ft.base,  $1\frac{1}{2}$  ft.high, N.of cor. Thence,  
 N. $89^{\circ}17'$ W., on true line, bet.secs.22 and 27 ( $W.\frac{1}{2}$ ).  
 Over level land; devoid of timber or undergrowth, along N.side of wire fence, bearing E.and W.  
 39:70 Fence cor.brs.S.1 lk.dist., from which, wire fences extend S.and E.  
 40.21 The cor.of secs.21, 22, 27 and 28 in center of road, bearing N. $5^{\circ}$ E. and S.  
 Land, E.39 chs.rolling and mountainous; W. $40\frac{1}{2}$  chs.level.  
 Soil, E. $\frac{1}{2}$  gravelly and rocky, 3rd and 4th rate; W. $\frac{1}{2}$  sandy and gravelly, 1st and 2nd rate.  
 Timber, none.  
 Undergrowth, scattering greasewood, scrub mesquite, palo verde and cactus.  
 Fair grass.in  $W.\frac{1}{2}$ ; none in  $E.\frac{1}{2}$ .

N. $0^{\circ}04'$ W., on true line, bet.secs.21 and 22.  
 Over level land, thru.scattering undergrowth.  
 23.50 A vacant house brs.E. about 6.00 chs.dist.  
 24.80 Wash, 10 lks.wide, 1 ft.deep, course W.  
 40.48 (Proportional dist.) Set an iron post, 3 ft.long, 1 in. in diam., 30 ins.in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$
S21   S22
1922

Dig pits, 18x18x12 ins., one each N.and S. of post, 3 ft. dist.  
 45.30 Wash, 6 lks.wide, 2 ft.deep, course S. $70^{\circ}$ W.  
 53.60 Road brs.NW. and S. $10^{\circ}$ E.  
 58.20 Wash, 15 lks.wide,  $1\frac{1}{2}$  ft.deep, course S. $70^{\circ}$ W.  
 70.80 Wash, 8 lks.wide,  $1\frac{1}{2}$  ft.deep, course S. $70^{\circ}$ W.  
 75.80 Road, brs:NW and SE:  
 80.20 Road, brs.E.and W.  
 80.96 Intersect the original cor.of secs.15, 16, 21 and 22, which is a mesquite post, 4 ins.sq., broken off at surface of the ground, with end of post 18 ins.long, marked TVIISXV on NE.face, RVIESXXII on SE.face, SXXI on SW.face and SXV on NW face, firmly set in a mound of stone over the part of old post remaining in the ground. No accessories.  
 Reconstruct this cor. as follows: Destroy the mound of stone, set the marked end of the old post 12 ins.in the ground alongside the portion in the ground, and alongside both, set an iron post 3 ft.long, 2 ins.in diam., 28 ins.in the ground for cor.of secs.15, 16, 21 and 22, marked on brass cap,

T7S   R6E
S16   S15
S21   S22
1922

14

Resurvey of part, of Subdivision lines of T. 7 S., R. 6 E.

Chains.

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

Soil, sandy and gravelly, 1st and 2nd rate.

Timber, none.

Undergrowth, scattering greasewood, scrub mesquite, palo verde and cactus.

Fair grass.

N.  $0^{\circ}24'$  W., on true line, bet. secs. 15 and 16 (S.  $\frac{1}{2}$ ).

Over level land, sloping slightly to the W., thru. scattering undergrowth.

10.00 Leave level, and enter level and broken land, near W. foot of Casa Grande mountain.

Thence along W. slope, with slight change in elevation.

40.05 Intersect the original  $\frac{1}{4}$  sec. cor., which is a mesquite post 3 ins. sq., projecting 24 ins. above ground, set in ground and mound of stone, marked  $\frac{1}{4}$  S on W. face.

No accessories.

Reconstruct this cor. as follows:

Alongside the old wood post, set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 3 ft. base, 2 ft. high around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$   
S16 | S15

1922

Thence,

N.  $0^{\circ}5'$  W., on true line, bet. secs. 15 and 16 (N.  $\frac{1}{2}$ ).

Over rolling and broken land, near W. foot of Casa Grande Mountain.

1.00 Rocky wash, 15 lks. wide, 3 ft. deep, course S.  $70^{\circ}$  W.

10.00 Rocky wash, 15 lks. wide, 4 ft. deep, course W.

39.30 Rocky wash, 30 lks. wide, 4 ft. deep, course S.  $80^{\circ}$  W.

40.00 Intersect the original cor. of secs. 9, 10, 15 and 16, which is a mesquite post, 4 ins. sq., projecting 30 ins. above ground, firmly set in ground and mound of stone, marked TVLISSX on NE. face; RXVIE SXV on SE. face, SXVI on SW. face, and SXIX on NW. face, with 3 notches on E. edge, and 4 notches on S. edge.

No accessories.

Reconstruct this cor. as follows:

Alongside the old wood post, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 3 ft. high around post, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T7S | R6E

S 9 | S10

S16 | S15

1922

Land, S. 10 chs., level; remainder of mile, rolling and broken.

Soil, in S. 10 chs., sandy and gravelly, 1st and 2nd rate; in remainder of mile, gravelly and rocky, 3rd and 4th rate.

Timber, none.

Undergrowth, scattering greasewood, scrub mesquite, palo verde and cactus.

Fair grass in S. 10 chs. No grass in N. 70 chs.



## Resurvey of part of Subdivision lines of T.7 S. R.6 E. 15

Chains.

- From the reestablished cor. of secs. 10, 11, 14 and 15, hereinbefore described,  
 N.  $89^{\circ}49'$  W., on true line, bet. secs. 10 and 15.  
 Over mountainous land, thru. scattering undergrowth.  
 Ascend 47 ft., over SE. slope.
- 2.75 Point of spur, slopes SE.  
 Descend 60 ft., over SW. slope.
- 8.18 Wash, 20 lks. wide in gulch, course S.  $70^{\circ}$  E.  
 Ascend 150 ft., over NE. slope, to
- 20.00 Wash, 10 lks. wide, 5 ft. deep, course NE.  
 Ascend 27 ft., over NE. slope, to
- 22.00 Wash, 12 lks. wide, 4 ft. deep, course NE..  
 Ascend 275 ft., over steep E. slope.
- 36.60 Spur, slopes N. from N. end of the Casa Grande mountains.  
 Descend 120 ft. to  $\frac{1}{4}$  sec. cor., over very broken NW. slope.
- 39.85 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam.,  
 6 ins. in the ground to bed rock, deposit stone marked  
 with a cross (x) at base of post, and raise a mound of  
 stone  $3\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high around post for reestab-  
 lished  $\frac{1}{4}$  sec. cor., marked on brass cap,
- S 10  
 S 15  
 1922
- Continue over mountainous land, thru. scattering under-  
 growth.
- 79.70 Descend 526 ft., over broken W. slope, to  
 Intersect the cor. of secs. 9, 10, 15 and 16.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, none.  
 Undergrowth, scattering greasewood, scrub mesquite and  
 palo verde and cactus.  
 No grass.
-

Boundaries of that part of T.7 S., R.6 E. surveyed  
under this Group. (secs. 14, 15,  
22, and 23).

Latitudes, Departures, and Closing Errors.

Lines designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
Bet. secs. 23 & 26,	S. 89° 43' W.	39.89		.20		39.89
	N. 89° 23' W.	39.55	.43			39.55
Bet. secs. 22 & 27,	N. 89° 43' W.	39.39	.20			39.39
	N. 89° 17' W.	40.21	.50			40.20
Bet. secs. 21 & 22,	N. 0° 04' W.	80.96	80.96			.09
Bet. secs. 15 & 16,	N. 0° 24' W.	40.05	40.05			.28
	N. 0° 05' W.	40.00	40.00			.06
Bet. secs. 10 & 15,	S. 89° 49' E.	79.70		.26	79.70	
Bet. secs. 11 & 14,	S. 89° 33' E.	79.80		.63	79.80	
Bet. secs. 13 & 14,	S. 0° 01' E.	80.32		80.32	.02	
Bet. secs. 23 & 24	S. 0° 11' W.	80.52		80.52		.26
Convergency,					.05	
<u>Totals.</u>			162.14	161.73	159.57	159.72
			161.73			159.57
<u>Errors in latitude.</u>			0.41			
<u>Error in departure.</u>						0.15

Survey of part (completion) of Subdivision lines of T.7 S., R.6 E. 17

Chains.

From the reestablished cor. of secs. 10, 11, 14 and 15, South on random line, bet. secs. 14 and 15, and bet. secs. 22 and 23.

161.30 Fall 66 lks. W. of the reestablished cor. of secs. 22, 23, 26 and 27.

Thence, N. 0° 14' W., on true line, bet. secs. 22 and 23. Over rolling land, thru. very scattering timber and scattering undergrowth.

10.00 Ascend 40 ft., over SE. slope, to Leave rolling, and enter mountainous land.

16.50 Ascend 80 ft., over S. slope. Spur, slopes S. 60° E.

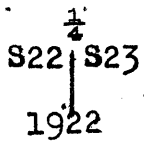
21.50 Descend 25 ft., over NE. slope. Gulch, 15 lks. wide, course S. 60° E.

25.50 Ascend 192 ft., over S. slope. Spur, slopes E.

36.90 Descend 196 ft., over NE. slope, to Gulch, 12 lks. wide, course NE.

38.00 Ascend slightly over E. slope, to Gulch, 10 lks. wide, course SE.

40.00 Ascend 20 ft. over SE. slope, to Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone 4 ft. base, 2½ ft. high around post, for ¼ sec. cor., marked on brass cap.



52.00 Ascend 365 ft., over steep SE. slope, to Top of Casa Grande Mountain brs. N. and S. 20° W. Thence along same, ascending 85 ft. to

62.00 Spur, slopes S. 80° W. Leave top of Casa Grande Mountain, brs. NE. and S.

Descend 63 ft., over NW. slope, to

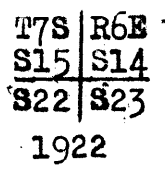
67.00 Ascend 30 ft., over W. slope.

72.00 Top of Casa Grande Mountain, brs. N. 20° W. and S. 20° E. Descend 129 ft., over NE. slope.

79.75 Gulch, 8 lks. wide, course E. near head. Ascend 34 ft., over S. slope, to sec. cor.

80.00 Set temp. cor. of secs. 14, 15, 22 and 23.

80.76 Point of intersection with latitudinal sec. line, N. 89° 43' W., bet. secs. 14 and 23, and bet. secs. 15 and 22, determined as hereinafter described. Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap,



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, S. 10 chs. rolling; remainder, mountainous. Soil, gravelly and rocky, 3rd and 4th rate. Timber, very scattering palo verde, mesquite and ironwood. Undergrowth, scattering greasewood, scrub mesquite and palo verde, and cactus. No grass.

From the cor. of secs. 15, 16, 21 and 22, East, on random line, bet. secs. 15 and 22, and bet. secs. 14 and 23.

Chains.	
79.58	A point 116 lks.N. of the temp.cor. of secs. 14,15,22 and 23, set 80.00 chs.N.0°14'W. from cor. of secs.22,23,26 and 27, as hereinbefore described.
	Continue line and measurement.
159.26	Run 79 lks.N. of the cor. of secs.13;14,23 and 24, thence, N.89°43'W., on a true line, bet. secs.14 and 23. Over level land, thru.scattering undergrowth. Road, brs.N.10°W. and S.10°E. Angelia H.Hammer's house brs.N. about 12 chs.dist. Leave level land, brs.N.and SW. Enter rolling land. Ascend 34 ft., over E.slope, to
2.75	
15.00	
30.00	
39.84	Set an iron post, 3 ft. long; 1 in. in diam., 18 ins. in the ground, deposit stone marked with a cross (x) at base of post, and raise a mound of stone 5 ft. base, 1½ ft high, around post; for ¼ sec.cor., marked on brass cap,  $\frac{1}{4} \frac{S. 14}{S. 23}$ 1922
	Continue over rolling land, thru. scattering undergrowth. Ascend 50 ft., over E. and SE.slopes, to
49.33	Leave rolling, and enter mountainous land and very scattering timber. Ascend 500 ft., over SE.slope, to
79.68	Intersect the meridional sec.line at a point 76 lks.N.0°14'W. from the temp.cor. of secs.14,15,22 and 23. Establish the cor. of said secs. at this point of intersection, as hereinbefore described. Land, E.30 chs.level; W.30½ chs.mountainous; remainder, rolling. Soil, sandy and gravelly, 1st and 2nd rate in E.30 chs.; remainder, gravelly and rocky, 3rd and 4th rate. Timber, very scattering palo verde, mesquite and ironwood in W. 30½ chs. No timber elsewhere. Undergrowth, scattering greasewood, scrub mesquite and palo verde and cactus. Fair grass in E.½. No grass in W. ½.
	-----
	N.0°14'W.; on true line, bet. secs.14 and 15. Over mountainous land, thru.scattering timber and undergrowth. Ascend 60 ft. over SE.slope.
2.86	Spur, slopes E.
	Descend 100 ft., over NE.slope.
7.70	Head of gulch, course NE. Ascend 81 ft., over SE.slope.
15.00	Short spur, slopes E.
	Descend 319 ft., over broken NE.slope, to
40.54	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone 3½ ft. base, 2½ ft. high around post, for ¼ sec.cor., marked on brass cap,  $\frac{1}{4} \frac{S15}{S14}$ 1922
	Ascend 30 ft. over NE.slope.
42.17	Descend 40 ft., over NE.slope.
43.25	Wire fence, brs.E and W.
54.50	Gulch, 15 lks.wide, course E. Ascend 130 ft., over S.slope.
60.80	Spur, slopes E.

Part (completion) of Subdivision lines of T.7 S., R.6 E. 19

Chains.

75.60 Descend 260 ft., over NE. slope.  
 Gulch, 20 lks. wide, course S. 70° E.  
 Ascend 70 ft., over SE. slope, to

80.54 Intersect the reestablished cor. of secs. 10, 11, 14 and 15.  
 Land, mountainous.  
 Soil, rocky, 4th rate.  
 Timber, very scattering mesquite and palo verde.  
 Undergrowth, scattering greasewood, scrub mesquite and  
 palo verde and cactus.  
 No grass.

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From cor. of secs. 14, 15, 22 and 23,  
 N. 89° 43' W., on true line, bet. secs. 15 and 22.  
 Over mountainous land, thru. very scattering timber and  
 scattering undergrowth.  
 Ascend 218 ft., over E. slope.

5.68 Top of Casa Grande Mountain, brs. N. and S.  
 Descend 565 ft., over steep W. slope.

30.08 Bottom of gulch, 20 lks. wide, course S. 70° W.  
 Descend gradually along steep S. slope to 1/4 sec. cor.

34.58 Road, brs. N. 75° E. and S. 75° W.

39.79 Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in the  
 ground to bed rock, deposit a stone marked with a  
 cross (x) at base of post, and raise a mound of stone  
 3 1/2 ft. base, 2 1/2 ft. high around post, for 1/4 sec. cor.,  
 marked on brass cap,

1/4 S 15  
 S 22  
 1922

49.00 Descend gradually along steep S. slope.  
 Spur, slopes SW.

52.50 Descend 122 ft., over SW. slope, to  
 Foot of steep descent, brs. NW and SE. Leave mountainous  
 land and timber, and enter gently rolling land.  
 Descend gradually over W. slope, to sec. cor.

54.50 Road, brs. NW. and SE.

79.58 The cor. of secs. 15, 16, 21 and 22.  
 Land, E. 52 1/2 chs. mountainous; remainder, gently rolling.  
 Soil in E. 52 1/2 chs., rocky, 4th rate; in remainder, gravelly,  
 3rd rate.  
 Timber, very scattering mesquite and palo verde in E. 52 1/2  
 chs. None elsewhere.  
 Undergrowth, scattering greasewood, scrub mesquite and palo  
 verde and cactus.  
 Fair grass in W. 20 chs. No grass elsewhere.

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Continued satisfactory adjustment of the solar apparatus  
 during the survey of this township is indicated from  
 field tests described in Book "D" of this group.

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GENERAL DESCRIPTION.

The surface of the greater part of that portion of this  
 township surveyed as described in the foregoing notes,  
 is mountainous, with a rocky 4th rate soil. The Casa  
 Grande Mountain, a long isolated mountain, with several  
 small foothills, brs. NW. and SE., thru. the center of  
 this part of the township, reaching an elevation of  
 2227 ft. above sea level.

The east halves of secs. 14, 22, and 23, and part of the  
 SW. quarter of sec. 15 have a level surface, with a  
 sandy and gravelly soil, 1st and 2nd rate.

Start.

There is a very scattering growth of mesquite and palo verde timber on Casa Grande Mountain, but elsewhere, there is no timber.

There is a scattering undergrowth of greasewood, scrub mesquite and palo verde and cactus over all of the surface, except in the East half of sec. 23, where there is no undergrowth.

The surface drains in every direction from the slopes of Casa Grande Mountain, thru. numerous washes.

No permanent running water exists, the only water supply being a well in sec. 14.

There is no indication of valuable mineral deposits.

There are settlers in secs. 14, 22 and 23, who have made improvements such as houses and outbuildings, and fences.

There are several roads giving access to the land on each side of Casa Grande Mountain and connecting to roads, which extend to the town of Casa Grande, Arizona, on the Southern Pacific Railroad, about 6 miles dist.

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CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

22

I, Sidney E. Blout, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 116, Arizona, bearing date of the 23rd day of May, 19 21, 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, retraced, resurveyed and surveyed all those parts or portions of the

Subdivision Lines of

TOWNSHIP 7 SOUTH, RANGE 6 EAST.

of the Gila and Salt

River Base and Meridian, in the State of Arizona, and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of retracement, resurvey and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 116, Arizona, in the specific manner described in the field notes, and that the foregoing are the original field notes of the retracement, resurvey and survey.

Place: Phoenix, Arizona Date: October 17, 1923

Sidney E. Blout U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, November 2, 19 23.

The foregoing field notes of the retracement, resurvey and survey of Part of the Subdivision lines of

TOWNSHIP 7 SOUTH, RANGE 6 EAST,

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

executed by Sidney E. Blout, U. S. Cadastral Engineer, under his special instructions dated May 23, 1921, for Group 116, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

Francis D. Frost U. S. Surveyor General.

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.