

BOOK 3768

FIELD NOTES

OF THE RESURVEY OF

Part (East half) of NORTH Boundary and

Part (E.bdy.of sec.35) of the Subdivision Lines of

Township 20 South, Range 27 East

AND OF THE SURVEY OF

Part (completion) of the Subdivision Lines of

Township 20 South, Range 27 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 June 19, 1924, issued by the United States Surveyor General to govern surveys included in Group No. 133 Arizona, which were approved by the Commissioner of the General Land Office, July 15, 1924, and Assignment Instructions dated January 5, 1925

Resurvey and Survey commenced February 26, 1925.

Resurvey and Survey completed March 7, 1925.

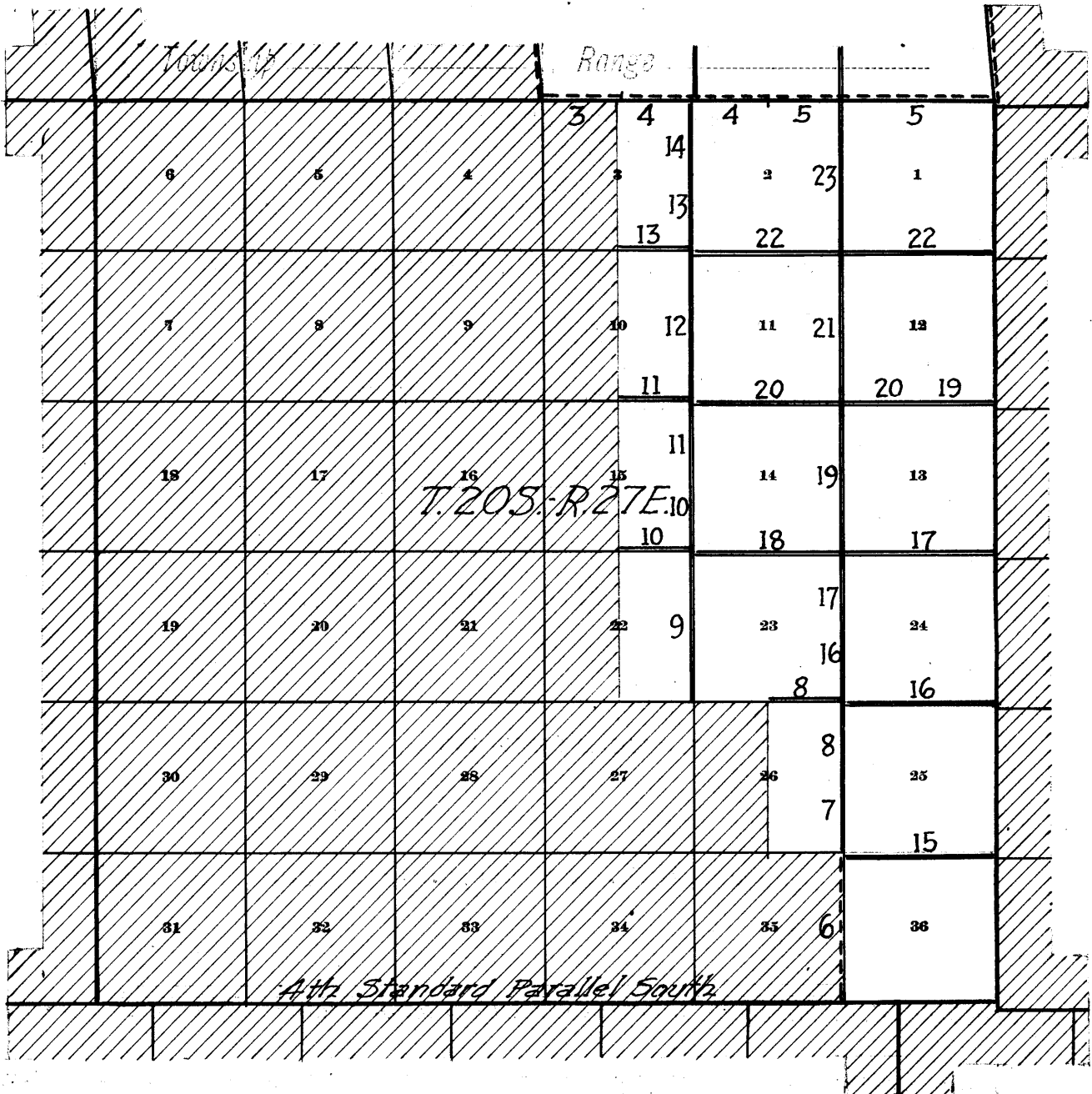
3768





3768

Book "F"
Group 133, Arizona

BOOK 3768

INDEX DIAGRAM.



-  Surveyed under this group.
-  Resurveyed under this group.
-  Accepted surveys, retracements or resurveys.
-  Areas surveyed as per accepted plats on file.

Book "F"
 Group 135-----Arizona
 Township 20 South, Range 27 East.

DATE DIAGRAM
 1925

			3-7	3-7	3-7
6	5	4	3	2	1
			2-27	3-5	3-4
7	8	9	10	11	12
			2-27	3-4	3-4
18	17	16	15	14	13
			2-26	3-2	3-2
19	20	21	22	23	24
			2-26	3-3	3-2
30	29	28	27	26	25
				2-26	2-26
31	32	33	34	35	36
				2-26	

4th Standard Parallel South

————— Indicates surveys executed by D.R.Averill,
 U.S.Surveyor, on dates shown thereon.

- - - - - Indicates resurveys executed by D.R.Averill,
 U.S.Surveyor, on dates shown thereon.

————— Indicates accepted surveys, retracements
 or resurveys.

Resurveys and surveys hereinafter described were executed on dates shown on diagram on page 1 hereof, by D.R. Averill, U.S. Surveyor, using Buff and Buff solar transit No. 9984. The instrument is equipped with a Smith solar attachment and a full vertical circle. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

February 25, 1925: Examine the adjustments of the instrument and correct all errors; then to test the solar apparatus by comparing its indications resulting from observations made during a.m. and p.m. hours with a meridian established by observation on Polaris, proceed as follows:

February 25, 1925: In camp near the center of sec. 14, T.20 S., R.27 E., Gila and Salt River Base and Meridian, Arizona, in latitude $31^{\circ}41\frac{1}{2}'N.$, and longitude $109^{\circ}33\frac{1}{2}'W.$, at $4^h 00^m$ p.m., app.t., set off $31^{\circ}41\frac{1}{2}'N.$ on the lat. arc and $8^{\circ}58'S.$ on the decl. arc, and determine a meridian with the solar, which is marked by a point on the skyline $S.63^{\circ}44'W.$

At $9^h 08^m$ p.m., l.m.t., observe Polaris at Western Elongation, making four observations, two each with the telescope in direct and reversed positions, the mean of which reads $N.1^{\circ}17'W.$ on the horizontal limb, which is oriented on the above reference point.

Azimuth of Polaris at Western Elongation = $1^{\circ}17'09\frac{1}{2}'$

February 26, 1925: at $8^h 00^m$ a.m., app.t., with the lat. arc unchanged, set off $8^{\circ}43'S.$ on the decl. arc, and determine a meridian with the solar, which agrees within 1' with the true meridian.

Concluding that the adjustments of the instrument are satisfactory, proceed with the survey of the Tp.

Unless otherwise specified, all measurements are made with a Lufkin steel tape 5 chains in length, compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined and the slope measurements properly reduced to true horizontal distances.

Resurvey of Part (E. $\frac{1}{2}$) of North Bdy. of Township 20 S., Range 27 E.

chains

The entire N. bdy. of T. 20 S., R. 27 E. was surveyed in 1885 by R. C. Powers, U. S. D. S., establishing all sec. and $\frac{1}{4}$ sec. cor. thereon with a common reference to areas on both sides of the line.

In 1916, S. E. Blout, U. S. S. executed a dependent resurvey of the West half of this Tp. bdy., reconstructing all the cor. monuments thereon to retain their original reference.

No other resurvey or retracement of this line is of record.

The following notes describe a dependent resurvey of the W. $\frac{1}{2}$ of N. bdy. of sec. 3, and an independent resurvey of the remainder of the E. $\frac{1}{2}$ of N. bdy. of T. 20 S., R. 27 E.

In this resurvey the original $\frac{1}{4}$ sec. cor. of secs. 3 and 34 is reconstructed in its original position and altered to refer to quarters of sec. 3 only, and the Tp. bdy. is resurveyed due East therefrom to an intersection with the range line, where a closing tp. cor. is established. All the other original sec. and $\frac{1}{4}$ sec. cor. monuments along this portion of the tp. bdy. are destroyed after noting their positions with relation to the resurveyed line.

The cor. of secs. 34 & 35, and $\frac{1}{4}$ sec. cor. of sec. 34, T. 19 S., R. 27 E., are reestablished at 160 and 200 chs. respectively West from C. C. of Ts. 19 & 20 S., R. 27 E., a closing cor. of secs. 2 & 3 is established at point where the subdivision line bet. said secs. intersects the tp. bdy., and all other cor. are reestablished with original common reference, at intervals of 40 chs. counting from the said Tp. closing cor.

Retracement for Resurvey.

40.40 From cor. of secs. 3, 4, 33 & 34, hereinafter described, N. $89^{\circ}58'E.$, on random line, on N. bdy. of sec. 3 (W. $\frac{1}{2}$)
Fall 20 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 3 & 34, hereinafter described, therefore, true line is N. $89^{\circ}41'E.$
40.40 chs.

202.88 Thence
East, on random line, for distance only.
(243.28 chs. in easting from cor. of secs. 3, 4, 33 & 34)
Intersect the West bdy. of T. 19 S., R. 28 E. at a point 1.31 chs. N. $4^{\circ}45'W.$ from the cor. of Ts. 19 & 20 S., Rs. 27 & 28 E., hereinafter described.
The W. $\frac{1}{2}$ of S. bdy. of sec. 34, T. 19 S., R. 27 E. will therefore be 43.28 chs. in easting.

RESURVEY.

The cor. of secs. 3, 4, 33 & 34 is a limestone $8x8x8$ ins. above ground, firmly set, marked with three notches on each of E. & W. faces and witnessed by a mound of stone W. of cor. No bearing trees.

40.40 Thence
N. $89^{\circ}41'E.$, on true line, on N. bdy. of sec. 3
Over level land, thru scattering undergrowth.
Intersect the original $\frac{1}{4}$ sec. cor. of secs. 3 & 34, which is a malapai stone $10x6x5$ ins. above ground, firmly set, and marked $\frac{1}{4}$ on N. face. No accessories.
Reconstruct this cor. monument and alter its reference as follows:
alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap marked

$\frac{1}{4}$ S 3

1925

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

Thence
East, on true line, continuing measurement of N. bdy. of sec. 3

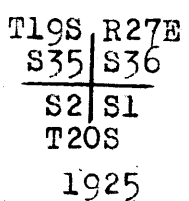
Resurvey of Part (E. $\frac{1}{4}$) of North Bdy. of Township 20 S., Range 27 E.

chains 43.28	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 34 only, with brass cap marked $\frac{1}{4} \text{ S } 34$ $\hline 1925$
55.00	Leave level and enter rolling land. Asc. 212 ft. over SW. slope
77.90	Ridge, brs. NW. and SE. Desc. 76 ft. over NE. slope to
81.46	(41.06 chs. E. from $\frac{1}{4}$ sec. cor. of sec. 3) Intersect the subdivision line bet. secs. 2 and 3, surveyed due North. Closing cor. of said secs. established at this point as hereinafter described. Land, level and rolling. Soil, rocky, volcanic formation, 3rd rate. Timber, none. Undergrowth, greasewood, catclaw, scrub mesquite & yucca. -----
0.25	From C.C. of secs. 2 and 3, hereinafter described, East, on true line, on N. bdy. of sec. 2. Over mountainous land, thru scattering undergrowth. Drain, 3 lks. wide, course NW. Asc. slightly over W. slope to
0.85	A point 67 lks. N. of original cor. of secs. 2, 3, 34 & 35, which is a malpai stone, 15x12x10 ins. above ground, firmly set, and marked and witnessed as per record. Destroy all trace of this old cor. Asc. 15 ft. over W. slope to
1.82	(40.00 chs. E. from $\frac{1}{4}$ sec. cor. of sec. 34) Set an iron post, 3 ft. long, 2 ins. in diam., 25 ins. in ground, for reestablished cor. of secs. 34 & 35, with brass cap marked, $\begin{array}{cc} T19S & R27E \\ S34 & S35 \\ \hline T20S & R27E \\ S2 & \end{array}$ $\hline 1925$
26.70	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Asc. 420 ft. over SW. slope Ridge, brs. NW. and SE. Descend 80 ft. over NE. slope
35.30	Drain, 10 lks. wide, course NW. Asc. 122 ft. over W. slope to reestablished $\frac{1}{4}$ sec. cor. of secs. 2 and 35.
39.97	A point 121 lks. N. of original $\frac{1}{4}$ sec. cor. of secs. 2 & 35, which is a limestone 10x7x6 ins. above ground, firmly set and marked and witnessed as per record. Destroy all trace of this old cor.
41.82	(40.00 chs. E. from cor. of secs. 34 & 35) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of secs. 2 & 35, with brass cap marked, $\frac{1}{4} \text{ S } 35$ $\hline \frac{1}{4} \text{ S } 2$ $\hline 1925$
43.90	Asc. 45 ft. over W. slope Ridge, brs. N. and S. Enter scattering timber. Desc. 300 ft. over SE. slope
72.30	Drain, course NW. Road, brs. NW. and SE. Enter rolling land. Asc. 34 ft. over SW. slope to reestablished cor. of secs. 1, 2, 35 & 36.

Resurvey of Part (E. 1/2) of North Bdy. of Township 20 S., Range 27 E.

chains
80.87 A point 135 lks. N. of original cor. of secs. 1, 2, 35 & 36, which is a limestone 10x7x6 ins. above ground, firmly set and marked and witnessed as per record.
Destroy all trace of this old cor.

81.82 (40.00 chs. E. from 1/4 sec. cor. of secs. 2 & 35) Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in ground to bed-rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for reestablished cor. of secs. 1, 2, 35 & 36, with brass cap marked,



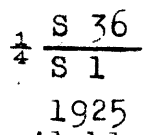
No bearing trees available.

Land, mountainous and rolling.
Soil, gravelly, 2nd rate.
Timber, oak and juniper in E. 38 chs. only.
Undergrowth, greasewood, catclaw and cactus.

East, on true line, bet. secs. 1 and 36.
Over rolling and mountainous land, thru scattering timber and undergrowth, parallel to fence about 2 chs. S.
Asc. 85 ft. over SW. slope.

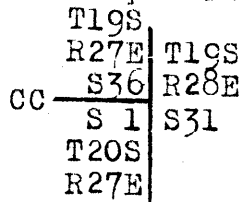
5.95 Spur, slopes SE. Desc. 46 ft.
11.00 Asc. 23 ft.
18.00 Desc. 52 ft.
30.70 Drain, course N. Asc. gradually over W. slope to 1/4 sec. cor.
39.66 A point 137 lks. N. of original 1/4 sec. cor. of secs. 1 & 36, which is a lava stone 12x8x5 ins. above ground, firmly set, and marked and witnessed as per record.
Destroy all trace of this old cor.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for reestablished 1/4 sec. cor. of secs. 1 & 36, with brass cap marked



No bearing trees available.
Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Asc. 460 ft. over NW. slope to
64.80 Thence along N. slope
67.30 Desc. 265 ft. over NE. slope to
80.00 Intersect W. bdy. of T. 19 S., R. 28 E. at a point 1.31 chs. N. 4° 45' W. from cor. of Ts. 19 & 20 S., Rs. 27 & 28 E., which is a malpai stone 10x10x9 ins. above ground, firmly set, marked with 6 notches on each of E., W., N. & S. faces and witnessed by a mound of stone S. of cor.
Alter this cor. monument to refer to Ts. 19 & 20 S., R. 28 E. only by obliterating notches on W. face of stone and moving mound of stone from S. to E. of cor.
At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in ground, for closing cor. of Ts. 19 & 20 S., R. 27 E., with brass cap marked



1925

No bearing trees available.
Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, rolling and mountainous. Soil, rocky, 2nd rate.
Timber, oak. Undergrowth, greasewood, catclaw, spanish bayonet and cactus.

Resurvey of Part of the Subdivision lines of Township 20 S., Range 27 E.

- chains All of the previously surveyed and accepted subdivision lines of T.20 S., R.27 E. were surveyed by L. Wolfley, U.S.D. S. in 1885.
- All of said lines were either retraced or resurveyed by S.E. Blout, U.S.S. in 1916, under Group 64, Ariz.
- No other retracement or resurvey of any of the subdivision lines of this Tp. is of record.
- The survey of the subdivision line bet. secs. 25 & 36 due West to intersection with E. bdy. of sec. 35 as hereinafter described, requires alteration of the original cor. of secs. 25, 26, 35 & 36 to refer to secs. 26 & 35 only, the alteration of the original $\frac{1}{4}$ sec. cor. of secs. 35 & 36 to refer to the quarters of sec. 35 only, and the reestablishment of a $\frac{1}{4}$ sec. cor. of sec. 36 only at midpoint of W. bdy. of said sec.
- The following notes describe the reestablishment of the $\frac{1}{4}$ sec. cor. of sec. 36, and the reconstruction and alteration of the original $\frac{1}{4}$ sec. cor.
- The reconstruction and alteration of the original cor. of secs. 25, 26, 35 & 36 is hereinafter described in notes of "Survey of Part (completion) of Subdivision lines of T.20 S., R.27 E."
- The line bet. secs. 35 & 36 was retraced by S.E. Blout, U.S.S. in 1916 under Group 64, therefore the record of such retracement is accepted and used as a basis for locating the midpoint of W. bdy. of sec. 36, by chaining a computed distance on the record bearing of said retracement, from the original $\frac{1}{4}$ sec. cor.
- The bearings and distances between the original sec. cors. and the $\frac{1}{4}$ sec. cor. herein recorded are copied from the Blout retracement record, and the topographical features, etc. are omitted.
-
- From std. cor. of secs. 35 & 36 on S. bdy. of Tp., (4th Std. Par. S.)
- 39.77 N. $0^{\circ} 27' E.$, on true line, on E. bdy. of sec. 35 ($S. \frac{1}{2}$) (computed midpoint of W. bdy. of sec. 36) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, and raise a mound of stone around post, for reestablished $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap marked,
- | $\frac{1}{4}$ S 36
1925
- 40.08 No bearing trees available.
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. intersect the original $\frac{1}{4}$ sec. cor. of secs. 35 & 36, which is a limestone 24x14x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face and witnessed by a mound of stone W. of cor. No bearing trees.
Reconstruct this cor. monument and alter its reference as follows:
alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 35 only with brass cap marked
- | $\frac{1}{4}$ S 35
1925
- 39.46 No bearing trees available
Thence
N. $1^{\circ} 2' E.$, on true line, on E. bdy. of sec. 35 ($N. \frac{1}{2}$) (79.54 chs. from cor. of secs. 35 & 36) Intersect the subdivision line bet. secs. 25 & 36. Closing cor. of said secs. established at this point as hereinafter described.
- 40.46 Intersect the original cor. of secs. 25, 26, 35 & 36, hereinafter described.
-

Survey of Part (completion) of Subdivision Lines of T.29 S., R.27 E.

chains

The following notes describe the survey of the North five miles of the first meridional sec. line, the North four miles of the second meridional sec. line, all the latitudinal sec. lines of the first or East range of secs., the third, fourth and fifth latitudinal sec. lines of the second range of secs., and the East halves of the North boundaries of secs. 10, 15, 22 and 26.

The survey of said section lines completes the survey of the subdivision lines of T.20 S., R.27 E., the previously surveyed and accepted portion of the township having been surveyed in 1885 and resurveyed in 1916 as hereinbefore noted.

From original cor. of secs. 25, 26, 35 & 36
 North, on random line, on E. bdy. of sec. 26, for dist. only.
 39.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 25.
 41.24 (Theoretical midpoint of E. bdy. of sec. 26) Set temp.
 $\frac{1}{4}$ sec. cor. of sec. 26.
 79.00 Set temp. cor. of secs. 24 & 25
 82.48 (Theoretically due E. from $\frac{1}{4}$ sec. cor. of secs. 23 & 26) set
 temp. cor. of secs. 23 & 26.
 Thence
 West, on random line, on N. bdy. of sec. 26 (E. $\frac{1}{2}$) for dist. only.
 40.00 Set temp. $\frac{1}{4}$ sec. cor. of sec. 23.
 41.70 Fall 42 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 23 & 26, there-
 fore the true lengths of E. bdy. of sec. 26 and E. $\frac{1}{2}$ of N.
 bdy. of said sec. are 82.90 chs. and 41.70 chs. respective-
 ly.
 The original cor. of secs. 25, 26, 35 & 36 is a mound of stone
 alongside a depression where the original marked stone
 was evidently set. No trace of said marked stone could
 be found.
 Reconstruct this cor. monument and alter its reference as
 follows:
 in the depression, set an iron post, 3 ft. long, 2 ins. in
 diam., 22 ins. in ground to bedrock, deposit a stone mkd.
 with a cross (X) at base of post, and raise a mound of
 stone around post, for cor. of secs. 26 and 35 only, with
 brass cap marked,

T20S	R27E
S26	S25
S35	
1925	

No bearing trees available.
 Thence
 North, on true line, on E. bdy. of sec. 26.
 Over mountainous land, thru scattering undergrowth.
 Ascend 70 ft.
 26.70 Drain, 10 lks. wide, course W.
 29.20 Drain, 5 lks. wide, course SW. Ascend 210 ft. to
 39.00 40 chs. from C.C. of secs. 25 & 36) Set an iron post, 3 ft.
 long, 1 in. in diam., 14 ins. in ground to bedrock, deposit
 a stone marked with a cross (X) at base of post and raise
 a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 25
 only, with brass cap marked

$\frac{1}{4}$ S25
1925

No bearing trees available.
 Ascend slightly over SE. slope to
 41.45 (Midpoint of E. bdy. of sec. 26) Set an iron post, 3 ft. long,
 1 in. in diam., over a cross (X) cut on surface rock, and
 raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of
 sec. 26 only, with brass cap marked,

$\frac{1}{4}$ S26
1925

No bearing trees available.

Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains	Descend 72 ft. over NW. slope.						
42.90	Fence, bears E. and W.						
50.90	Drain, 5 lks. wide, course W. Thence along broken W. slope						
70.50	Drain, 7 lks. wide, course W.						
	Ascend 230 ft. over SE. slope to						
79.00	(80 chs. from C.C. of secs. 25 & 36) Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post, for cor. of secs. 24 & 25 only, with brass cap marked,						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black;">T20S</td> <td>R27E</td> </tr> <tr> <td style="border-right: 1px solid black;">S26</td> <td>S24</td> </tr> <tr> <td style="border-right: 1px solid black;"></td> <td>S25</td> </tr> </table>	T20S	R27E	S26	S24		S25
T20S	R27E						
S26	S24						
	S25						
	1925						
	No bearing trees available.						
79.30	Ridge, bears NE. and SW.						
	Thence along steep W. slope to						
82.90	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 23 & 26 only, with brass cap marked,						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black;">T20S</td> <td>R27E</td> </tr> <tr> <td style="border-right: 1px solid black;">S23</td> <td>S24</td> </tr> <tr> <td style="border-right: 1px solid black;">S26</td> <td></td> </tr> </table>	T20S	R27E	S23	S24	S26	
T20S	R27E						
S23	S24						
S26							
	1925						
	No bearing trees available.						
	Land, mountainous.						
	Soil, rocky, 4th rate.						
	Timber, none.						
	Undergrowth, scrub mesquite and cactus.						

	The original $\frac{1}{4}$ sec. cor. of secs. 23 & 26 is a granite stone in place, 12x12x5 ins. above ground, marked with a cross (X) on top and $\frac{1}{4}$ N. of cross and witnessed by a mound of stone N. of cor. No bearing trees.						
	Reconstruct this cor. monument and alter its reference as follows:						
	alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor. of sec. 26 only with brass cap marked,						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-top: 1px solid black;">$\frac{1}{4}$ S26</td> </tr> </table>	$\frac{1}{4}$ S26					
$\frac{1}{4}$ S26							
	1925						
	No bearing trees available.						
	Move the mound of stone from N. to S. of cor.						
	Thence						
	East, on true line, on N. bdy. of sec. 26 (N. $\frac{1}{4}$)						
	Over rolling and mountainous land, thru scattering undergrowth. Asc. gradually over SW. slope to						
1.70	(40 chs. W. from cor. of secs. 23 & 26) Set an iron post, 3 ft. long, 1 in in diam., 17 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 23 only, with brass cap marked,						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-top: 1px solid black;">$\frac{1}{4}$ S23</td> </tr> </table>	$\frac{1}{4}$ S23					
$\frac{1}{4}$ S23							
	1925						
	No bearing trees available.						
32.00	Ascend 275 ft.						
36.50	Top of knoll. Descend gradually to						
41.70	Ascend 147 ft. over W. slope to intersect the cor. of secs. 23 and 26.						
	Land, rolling and mountainous.						
	Soil, rocky, 3rd rate.						
	Timber, none.						
	Undergrowth, scrub mesquite, catclaw, spanish bayonet, yucca and cactus.						

Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains	From cor. of secs. 22, 23, 26 & 27, N.0°18'E., (parallel to W. bdy. of sec. 22), on random line, on E. bdy. of sec. 22, for distance only.						
41.68	(Theoretical midpoint of E. bdy. of sec. 22) Set temp. $\frac{1}{4}$ sec. cor. of sec. 22.						
83.36	(Theoretically due E. from $\frac{1}{4}$ sec. cor. of secs. 15 & 22) Set temp. cor. of secs. 15 & 22. Thence						
39.40	West, on random line, bet. secs. 15 & 22 (E. $\frac{1}{2}$) for dist. only. Fall 18 lks. S. of original $\frac{1}{4}$ sec. cor. of secs. 15 & 22, therefore the true lengths of E. bdy. of sec. 22 and E. $\frac{1}{2}$ of line bet. secs. 15 & 22 are 83.54 chs. and 39.40 chs. respectively. The original cor. of secs. 22, 23, 26 & 27 is a limestone, 17x14x6 ins. above ground, firmly set, marked with two notches on each of E. and S. faces, and witnessed by a mound of stone W. of cor. No bearing trees. Reconstruct this cor. monument as follows: alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 22, 23, 26 & 27, with brass cap marked,						
	<table style="margin: auto;"> <tr><td colspan="2">T20S R27E</td></tr> <tr><td>S22</td><td>S23</td></tr> <tr><td>S27</td><td>S26</td></tr> </table>	T20S R27E		S22	S23	S27	S26
T20S R27E							
S22	S23						
S27	S26						
	1925						
	No bearing trees available. Thence, N.0°18'E., on true line, on E. bdy. of sec. 22. Over gently rolling land, thru scattering undergrowth, along E. side of fence bearing N. and S.						
0.02	Fence cor. from which fences extend N., S. and W. Continue along fence.						
36.47	(40 chs. S.0°18'W. from C.C. of secs. 14 & 23) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 23 only, with brass cap marked,						
	<table style="margin: auto;"> <tr><td style="border-right: 1px solid black;"> </td><td>$\frac{1}{4}$ S23</td></tr> </table>		$\frac{1}{4}$ S23				
	$\frac{1}{4}$ S23						
	1925						
	No bearing trees available.						
41.77	(Midpoint of E. bdy. of sec. 22) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor. of sec. 22 only, with brass cap marked,						
	<table style="margin: auto;"> <tr><td style="border-right: 1px solid black;"> </td><td>$\frac{1}{4}$ S22</td></tr> </table>		$\frac{1}{4}$ S22				
	$\frac{1}{4}$ S22						
	1925						
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.						
55.30	Wash, 30 lks. wide, course W. Asc. 50 ft.						
61.10	Top of knoll. Fence, brs. N.70°E. and S.70°W. Desc. 55 ft.						
73.30	Low spur, slopes W. Desc. 50 ft. to cor. of secs. 15 & 22.						
76.47	Intersect subdivision line bet. secs. 14 & 23, surveyed due west. Closing cor. of said secs. established at this point as hereinafter described.						
83.54	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 15 & 22 only, with brass cap marked,						
	<table style="margin: auto;"> <tr><td colspan="2">T20S R27E</td></tr> <tr><td>S15</td><td>S14</td></tr> <tr><td>S22</td><td></td></tr> </table>	T20S R27E		S15	S14	S22	
T20S R27E							
S15	S14						
S22							
	1925						
	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.						

Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains	<p>Land, rolling. Soil, rocky, 2nd rate. Timber, none. Undergrowth, scrub mesquite, catclaw, yucca and cactus.</p> <hr/> <p>The $\frac{1}{4}$ sec. cor. of secs. 15 & 22 is a granite stone 28x18x8 ins. above ground, marked with a cross (X) on top and $\frac{1}{4}$ N. of cross, and witnessed by a mound of stone N. of cor. No bearing trees. Reconstruct this cor. monument as follows: alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 23 ins. in ground to bedrock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of secs. 15 & 22, with brass cap marked,</p> <div style="text-align: center;"> $\begin{array}{r} \frac{1}{4} \text{ S } 15 \\ \hline \frac{1}{4} \text{ S } 22 \\ 1925 \end{array}$ </div> <p>No bearing trees available.</p> <p>Thence East, on true line, bet. secs. 15 & 22 (E. $\frac{1}{2}$) Over gently rolling land, thru scattering undergrowth. Road, bears N. 80° E. and S. 80° W.</p>
18.00	Wash, 5 lks. wide, course SW.
32.00	Intersect the cor. of secs. 15 and 22.
39.40	Land, gently rolling. Soil, gravelly loam, 2nd rate. Timber, none. Undergrowth, scrub mesquite, greasewood and soapweed.
32.93	From cor. of secs. 15 & 22. North, on random line, on E. bdy. of sec. 15, for dist. only. (40 chs. from C.C. of secs. 14 & 23) Set temp. $\frac{1}{4}$ sec. cor. of sec. 14.
38.68	(Theoretical midpoint of E. bdy. of sec. 15) Set temp. $\frac{1}{4}$ cor. of sec. 15.
72.93	(80 chs. from C.C. of secs. 14 & 23) Set temp. cor. of secs. 14 and 15.
77.36	(Theoretically due E. from $\frac{1}{4}$ sec. cor. of secs. 10 & 15) Set temp. cor. of secs. 10 and 15.
39.44	Thence West, on random line, bet. secs. 10 & 15 (E. $\frac{1}{2}$) for dist. only. Fall 4 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 10 & 15, therefore the true lengths of E. bdy. of sec. 15 and E. $\frac{1}{2}$ of line bet. secs. 10 & 15 are 77.40 chs. and 39.44 chs. respectively.
5.55	From cor. of secs. 15 & 22, North, on true line, on E. bdy. of sec. 15. Over gently rolling land, thru scattering undergrowth.
12.80	Fence, brs. NW. and SE.
15.70	Drain, 8 lks. wide, course SW.
18.00	Fence cor., from which fences extend NE. and SE.
18.70	House bears E. 2 chs. dist.
20.00	Road, brs. W. and SE.
31.15	Enter mountainous land. Ascend 504 ft. over SW. slope. Spur, slopes W.
32.93	Desc. 40 ft. over N. slope to (40 chs. from C.C. of secs. 14 & 23) Set an iron post, 3 ft. long, 1 in. in diam., over a cross (X) marked on surface rock, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 14 only, with brass cap marked, <div style="text-align: center;"> $\begin{array}{c} \\ \frac{1}{4} \text{ S } 14 \\ 1925 \end{array}$ </div> <p>from which An oak, 24 ins. diam., brs. N. 13° E., 526 lks. dist., marked $\frac{1}{4}$ S14 BT No other bearing tree available.</p>
	Descend 210 ft. over N. slope

Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains

38.00

Head of ravine, course W. Asc slightly to (Midpoint of E.bdy.of sec.15) Set an iron post, 3 ft.long, 1 in.in diam., 18 ins.in ground to bedrock, deposit a stone marked with a cross(X) at base of post and raise a mound of stone around post, for 1/4 sec.cor.of sec.15 only, with brass cap marked,

1/4 S15

1925

No bearing trees available.

Asc.gradually to

41.60

Wash, 10 lks.wide, course W. Ascend 20 ft.to

45.00

Trail, brs.E.and W. Asc.233 ft.over SW.slope

58.50

Spur, slopes W. Asc.85 ft.to

65.10

Top of rocky knoll.

Asc.52 ft.to

72.93

(80 chs.from C.C.of secs.14 & 23) Set an iron post, 3 ft. long, 2 ins.in diam., 18 ins.in ground to bedrock, deposit a stone marked with a cross(X) at base of post, and raise a mound of stone around post, for cor.of secs. 11 & 14 only, with brass cap marked,

T20S R27E

S15 | S11
S14

1925

No bearing trees available.

Ascend 170 ft.over SW.slope to

77.40

Set an iron post, 3 ft.long, 2 ins.in diam., 10 ins.in ground to bedrock, deposit a stone marked with a cross(X) at base of post and raise a mound of stone around post, for cor.of secs.10 & 15 only, with brass cap marked,

T20S R27E

S10 | S11
S15

1925

No bearing trees available.

Land, gently rolling and mountainous.

Soil, rocky, 3rd rate.

Timber, none.

Undergrowth, catclaw, spanish bayonet and cactus.

The 1/4 sec.cor.of secs.10 & 15 is a granite stone 20x10x 6 ins.above ground, firmly set, marked 1/4 on N.face and witnessed by a mound of stone N.of cor. No bearing trees. Reconstruct this cor.monument as follows:

alongside old stone, set an iron post, 3 ft.long, 1 in. in diam., 27 ins.in ground, for 1/4 sec.cor.of secs.10 & 15, with brass cap marked,

1/4 S 10
S15

1925

No bearing trees available.

Thence

East, on true line, bet.secs.10 & 15 (E 1/2)

Over mountainous land, thru scattering undergrowth.

Asc. 820 ft.over W.slope

31.30

Ridge, brs. N.and S.

Desc. 95 ft.over E.slope to

39.44

Intersect the cor.of secs.10 and 15.

Land, mountainous.

Soil, rocky, 3rd rate.

Timber, none. Undergrowth, scrub mesquite, cactus & catclaw.

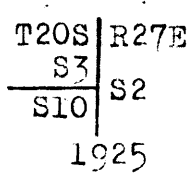
Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains	From cor. of secs. 10 & 15, N.0°8'W., (parallel to mean bearing of W. bdy. of sec. 10) on random line, on E. bdy. of sec. 10, for dist. only.
35.53	(40 chs. from cor. of secs. 11 & 14) Set temp. $\frac{1}{4}$ sec. cor. of sec. 11
41.56	(Theoretical midpoint of E. bdy. of sec. 10) Set temp. $\frac{1}{4}$ sec. cor. of sec. 10.
75.53	(80 chs. from cor. of secs. 11 & 14) Set temp. cor. of secs. 2 and 11.
83.12	(Theoretically due E. from $\frac{1}{4}$ sec. cor. of secs. 3 & 10) Set temp. cor. of secs. 3 and 10. Thence
39.45	West, on random line, bet. secs. 3 & 10 (E. $\frac{1}{2}$) for dist. only. Fall 8 lks. S. of the $\frac{1}{4}$ sec. cor. of secs. 3 & 10, therefore the true lengths of E. bdy. of sec. 10 and E. $\frac{1}{2}$ of line bet. secs. 3 & 10 are 83.20 chs. and 39.45 chs. respectively. From the cor. of secs. 10 and 15, N.0°8'W., on true line, on E. bdy. of secs 10. Over mountainous land, thru scattering undergrowth. Asc. 40 ft.
2.30	Saddle in ridge, bearing E. and W. Descend 327 ft. over N. slope
13.80	Drain, course SW. Asc. 193 ft. over SW. slope
20.60	Ridge, brs. E. and W. Desc. 350 ft. over N. slope to
35.53	(40 chs. from cor. of secs. 11 & 14) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 11 only, with brass cap marked, $\frac{1}{4}$ S11 1925 No bearing trees available.
41.60	Desc. 20 ft. over N. slope to (Midpoint of E. bdy. of sec. 10) Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 10 only, with brass cap marked, $\frac{1}{4}$ S10 1925 No bearing trees available.
45.00	Desc. 70 ft. over N. slope Drain, 5 lks. wide, course N.15°E.
47.40	Drain, 10 lks. wide, course W. Asc. 66 ft. over SW. slope
55.40	Rocky spur, slopes W. Desc. 100 ft. over NW. slope.
61.00	Drain, 15 lks. wide, course SW. Asc. 230 ft. over S. slope to
75.53.	(80 chs. from cor. of secs. 11 & 14) Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. of secs. 2 and 11 only, with brass cap marked, T20S R27E S10 S2 S11 1925 No bearing trees available.
83.20	Descend 85 ft. over W. slope to Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in ground to bedrock, deposit a stone marked with a cross (X) at

Survey of Part (completion) of Subdivision Lines of T20 S., R.27 E.

chains

base of post, and raise a mound of stone around post, for cor. of secs. 3 & 10 only, with brass cap marked,

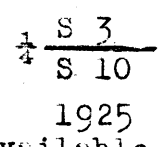


No bearing trees available.

Land, mountainous.
Soil, rocky, 3rd rate.
Timber, none.
Undergrowth, catclaw, scrub mesquite, yucca and cactus.

The 1/4 sec. cor. of secs. 3 and 10 is a granite stone 13x10x5 ins. above ground, firmly set, marked 1/4 on N. face, and witnessed by a mound of stone N. of cor. No bearing trees. Reconstruct this cor. monument as follows:

alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor. of secs. 3 and 10, with brass cap marked,



No bearing trees available.

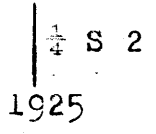
Thence East, on true line, bet. secs. 3 and 10 (E.S.) Over mountainous land, thru scattering undergrowth. Asc. gradually to

- 1.00 Ascend 232 ft. over steep SW. slope
- 12.40 Ridge, brs. NW. and SE.
- Desc. 115 ft. over E. slope
- 19.90 Drain, 8 lks. wide, course N. 15° W.
- Asc. 360 ft. over W. slope to
- 39.45 Intersect the cor. of secs. 3 and 10.

Land, mountainous.
Soil, rocky, 2nd rate.
Timber, none.
Undergrowth, scrub mesquite, catclaw, yucca, mescal & cactus.

From the cor. of secs. 3 and 10, North, on true line, on E. bdy. of sec. 3. Over mountainous land, thru scattering undergrowth. along broken W. slope

- 16.70 Saddle in ridge, bearing NE. and SW. A cone-shaped knoll brs. NW. 3 chs. dist. Descend 330 ft. over NE. slope
- 32.33 (40 chs. from cor. of secs. 2 and 11) Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for 1/4 sec. cor. of sec. 2 only, with brass cap marked,



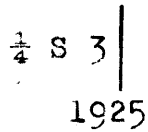
No bearing trees available.

- Descend 20 ft. over NE. slope
- 34.50 Wash, 4 lks. wide, course W. Enter gently rolling land.

Survey of Part (completion) of Subdivision Lines of T 20 S., R. 27 E.

chains
39.56

(proportional dist. based upon the W. bdy. of sec. 3)
Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 3 only, with brass cap marked,



No bearing trees available.

61.60

Continue over gently rolling land, sloping W.

72.30

Wash, 3 lks. wide, course W.

Wash, 3 lks. wide, course W.

Asc. 65 ft. over S. slope

77.00

Ridge, brs. NW. and SE.

Descend 20 ft. over NE. slope to

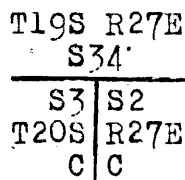
78.88

Intersect the North bdy. of the Tp. at a point 1.82 chs.

West of the reestablished cor. of secs. 34 and 35, T. 19 S. R. 27 E., hereinbefore described.

At point of intersection,

set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for closing cor. of secs. 2 and 3, with brass cap marked,



1925

No bearing trees available.

Land, mountainous and gently rolling.

Soil, rocky, 3rd rate.

Timber, none.

Undergrowth, greasewood, catclaw, scrub mesquite, yucca and cactus.

From cor. of secs. 26 & 35 measure a computed distance of 96 lks. S. 1° 2' W. on E. bdy. of sec. 35 and set temp. closing cor. of secs. 25 & 36. Thence,

East, on random line, bet. secs. 25 and 36, for dist. only.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.52

Run 4 lks. N. of the cor. of secs. 25 and 36 on the E. bdy. of the Tp., reestablished in 1916 by S. E. Blout, U. S. S., which is a granite stone 9x6x5 ins. above ground, firmly set, marked with 1 notch on S. face and 5 notches on N. face and witnessed by a mound of stone W. of cor.

No bearing trees.

The true length of the line bet. secs. 25 & 36 will therefore be 79.52 chs.

Reconstruct the cor. of secs. 25 & 36 as follows:

alongside the old stone, set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in ground to bedrock,

Survey of Part (completion) of Subdivision of T.20 S., R.27 E.

Chains

for corners of secs. 25 and 36 only, sec. 25 and 36, only, with brass cap marked

T20S
R27E R28E
825
836
1925

Raise a mound of stone, 3 ft. base, 1 ft. high around post.
No trees available.

Thence

West, on a true line, bet. secs. 25 and 36.
Over mountainous land; thru scattering undergrowth.
Asc. 15 ft. over SE. slope.

3.20
12.00
20.10
25.30
32.50
39.76

Ridge, brs. SW. and NE.
Desc. 280 ft. over NW. slope.
Side hill drain, course S. 60°W.
Side hill drain, course S.
Asc. 96 ft.
Spur, slopes S.
Desc. 60 ft. over SW. slope.
Slope changes; asc. 90 ft. over SE. slope.
(Mid-point) Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, with stone marked with cross (X) deposited at base, for 1/4 sec. cor., with brass cap marked

825
836
1925

Raise a mound of stone, 4 ft. base, 22 ins. high, around post.
No trees available.

50.00
75.50
79.52

Asc. 35 ft.
Ridge, brs. N. and S.
Desc. 670 ft. over W. slope.
Drain, 6 lks. wide, course SW.
Asc. gradually.
Intersect the E. bdy. of sec. 35, at a point 1.00 ch. S. 1°02'W. from the cor. of secs. 26 and 35, hereinbefore described, hereinafter described.
At point of intersection
Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground, with stone marked with cross (X) deposited at base, for closing cor. of secs. 25 and 36, with brass cap marked

T20S R27E
835 825 CC
836
1925

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high around post.
No trees available.

Land: mountainous,
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: mesquite, catclaw, yucca and cactus.

From the cor. of secs. 24 and 25, only, on the E. bdy. of sec. 26, hereinbefore described.

Chains

East, on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.72 Fall 35 lks. S. of the cor. of secs. 24 and 25, only, on the E. bdy. of the Tp., re-established in 1916 by S.E. Blout, U.S.S., which is a lava stone 6x6x6 ins. above ground, marked with 4 notches on N. face and 2 notches on S. face, with a mound of stone West.
 Reconstruct this cor. monument as follows:
 along side old stone, set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground, to bedrock, for cor. of secs. 24 and 25, only, with brass cap marked

T20S
 R27E R28E
 S24
 S25
 1925

Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high around post.
 No trees available.

Thence
 S. 89° 45' W., on a true line bet. secs. 24 and 25.
 Over mountainous land; thru scattering undergrowth.
 Asc. 60 ft. over E. slope.

2.60 Ridge, brs S.E. and NW.
 Desc. 1015 ft. over SW. slope.
 39.86 Set an iron post, 3 ft. long 1 in. in dia., over cross (X) on bedrock, for $\frac{1}{4}$ sec. cor., with brass cap marked

S24
 S25
 1925

Raise a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high around post.
 No trees available.

43.20 Desc. 30 ft. over SW. slope.
 Head of ravine, course SW.
 Asc. 90 ft.
 48.70 Spur, slopes S.
 Desc. 75 ft.
 54.80 Head of ravine, course S.
 Asc. 95 ft.
 60.80 Spur, slopes SW.
 Desc. 370 ft.
 35.10 Side hill drain, course SW.
 Along W. slope.
 79.72 The cor. of secs. 24 and 25, only, on the E. bdy. of sec. 26, hereinbefore described.

Land: mountainous.
 Soil: rocky, 3rd rate.
 Timber: none.
 Undergrowth: mesquite, catclaw, yucca and cactus.

From the cor. of secs. 23 and 26, only, hereinbefore described.

8.60 N. 0° 11' E., on a true line, on the E. bdy. of sec. 23.
 Over mountainous land; thru scattering undergrowth.
 Desc. 35 ft. along W. slope.
 Drain. course W.
 Asc. 290 ft. along W. slope.
 36.10 (40.00 chs. in northing from cor. of secs. 24 & 25)
 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground, to bedrock, and raise a mound of stone, 3 ft. base, 1 ft. high around post, for $\frac{1}{4}$ sec. cor. of secs. 23 & 24, with brass cap marked

Survey of Part (completion) of the Subdivision of T.20 S., R.27 E.

Chains

S23	S24
1925	

No trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Shack bears S.67¾°W. Concrete tank bears S.72°W.

Asc. 175 ft. along W. slope.

52.60 Slope changes; desc. 35 ft.

56.00 Drain, 6 lks. wide, course W.

Asc. 290 ft.

69.80 Spur, slopes W.

Desc. 25 ft.

75.00 Drain, 5 lks. wide, course W. Asc. 100 ft. to

76.10 (80.00 chs. in northing from cor. of secs. 24 & 25)

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground, with stone marked with cross (X) deposited at base, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T20S R27E	
S14	S13
S23	S24
1925	

Raise a mound of stone, 3 ft. base, 1 ft. high around post.

No trees available.

Land: mountainous.

Soil: rocky, 3rd rate.

Timber: none.

Undergrowth: mesquite, catclaw, yucca and cactus.

N. 89°45'E.,

Run a random line, bet. secs. 13 and 24.

49.00 Set temp. ¼ sec. cor.

79.76 Fall 3 lks. N. of the cor. of secs. 13 and 24 only, on the E. bdy. of the Tp., which was re-established in 1916 by S.E. Blout, U.S.S., under Group 64, Arizona, a stone 8x8x6 ins. above ground, marked with 3 grooves on each of N. and S. faces, with a mound of stone West.

Thence

S. 89°46'W., on a true line, bet. secs. 13 and 24.

Over mountainous land; thru scattering timber and undergrowth.

Desc. 145 ft. over NW. slope.

8.60 Wash, 25 lks. wide, course NE.

Asc. 440 ft. over SE. slope.

24.00 Ridge, brs. SE. and NW.

Asc. 52 ft. along S. slope.

39.88 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground, with a stone marked with cross (X) deposited at base, for ¼ sec. cor., with brass cap marked

S13
¼
S24
1925

Raise a mound of stone, 3 ft. base, 1 ft. high around post.

No trees available.

Asc. 43 ft. along S. slope.

45.50 Ridge, brs. N. 80°E. and S. 80°W.

Along N. slope.

55.30 Side hill drain, 2 lks. wide, course NE.

Asc. 215 ft. over E. slope.

64.90 Ridge, brs. N. and S.

Desc. 510 ft. over W. slope.

66.00 Leave timber.

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

Chains

Land: mountainous.
 Soil: rocky, 3rd rate.
 Timber: E. 1/4: oak, juniper, pinon; W. 1/4: none.
 Undergrowth: oak, gressewood, catclaw, mahogany, bayonet,
 mesquite and cactus.

West, on a true line, bet. secs. 14 and 23.
 Over mountainous land; thru scattering undergrowth.
 Desc. 200ft.

7.30 Drain, 3 lks. wide, course SW.
 Asc. 66 ft.

10.00 Spur, slopes SW.
 Desc. 623 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 22 ins. in
 the ground, with stone marked with cross (X) deposited
 at base, for 1/4 sec. cor., with brass cap marked

S14
 S23
 1925

Raise a mound of stone, 3 ft. base, 1 ft. high around
 post.

No trees available.

Desc. 327 ft.

60.10 Drain, 5 lks. wide, course SW.
 Asc. 100 ft.

65.80 Ridge brs. NE. and SW.
 Desc. 377 ft. over NW. slope.

81.39 Intersect the E. bdy. of sec. 22, at a point 7.07 chs.
 S. 9° 18' W. of the cor. of secs. 15 and 22, only, here-
 inbefore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for closing cor. of secs. 14 and 23, with brass
 cap marked

T 20 S R 27 E
 S 22 | S 14 CC
 S 23
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.
 No trees available.

Land. mountainous.

Soil. rocky, 3rd. and 4th. rate.

Timber. none.

Undergrowth. mesquite, catclaw, yucca and cactus.

Survey of part (completion) of Subdivision of T.20 S., R.27 E.

Chains

From the cor. of secs. 13,14,23 and 24, hereinbefore described.

N.0°11'E., on a true line, bet. secs. 13 and 14.

Over mountainous land; thru scattering timber and undergrowth.
Desc. 20 ft.

6.10 Drain, 10 lks. wide, course SW.

Asc. 350 ft.

14.20 Spur, slopes SW.

Shack brs. S.26°W.

Concrete tank brs. S.25½°W.

Asc. 112 ft.

22.00 Spur, slopes N.75°W.

Desc. 475 ft. over NE. slope.

40.00 Mine tunnel brs. S.25°W. approx. 6.00 chs. dist.

A trail bearing N. and S. brs. West approx. 1.50 chs.

Head of canyon, course W.

Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for ¼ sec. cor., with brass cap marked

S14 | S13

1925

No trees available.

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

Asc. 45 ft.

42.40 Low spur, slopes SW.

Continue ascent 340 ft.

56.20 Along rock ledges.

58.90 Leave same. Ridge brs NW. and SE.

Desc. 560 ft. over NE. slope.

78.60 Drain, 5 lks. wide, course E.

Asc. 40 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground, with a stone marked with cross (X) deposited at base, for cor. of secs. 11,12,13 and 14, with brass cap marked

T20S R27E.

S11 | S12

S14 | S13

1925

Raise a mound of stone, 3 ft. base, 1 ft. high around post.

No trees available.

Land: mountainous.

Soil: rocky, 3rd rate.

Timber: oak.

Undergrowth: catclaw, mahogany and cactus.

40.00 N.89°46'E., on a random line, bet. secs. 12 and 13.

Set temp. ¼ sec. cor.

79.80 Fall 2 lks. S. of the cor. of secs. 12 and 13, only, on the E. bdy. of the Tp., an iron post, 3 ins. in dia., projecting 12 ins. above ground, firmly set, with a brass cap properly marked, dated 1916.

Thence

S.89°45'W., on a true line, bet. secs. 12 and 13.

Over mountainous land; thru scattering timber and undergrowth.

Asc. 30 ft.

1.90 Top of round knoll.

Desc. 30 ft.

5.70 Fence brs. N.88°E., and S.88°W.

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20

Survey of part(completion) of Subdivision of T.20 S., R.27 E.

Chains	
8.20	Drain, 6 lks. wide, course N. Asc. 290 ft. over E. slope.
23.30	Ridge brs. NE. and SW. Desc. 180 ft. over W. slope.
38.84	Building brs. N. $43\frac{1}{2}^{\circ}$ W.
39.90	Corner No. 5 of the "Mountain Queen" patented lode claim, (Gen. No. 273), which is a stake with illegible marks in a mound of stone, brs. N. $67^{\circ}45'$ W., 4.79 chs. dist.
39.90	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, with a stone marked with cross (X) deposited at base, for $\frac{1}{4}$ sec. cor. with brass cap marked
	<u>S12</u> S13 1925
	Raise a mound of stone, .4 ft. base, $1\frac{1}{2}$ ft. high around post. No trees available.
	Desc. slightly.
40.80	Drain, 12 lks. wide, course N. 20° E. Asc. 490 ft. over NE. slope. to sec. cor.
55.19	House brs. N. $5\frac{1}{2}^{\circ}$ E. Hoist frame brs. N. $24\frac{1}{2}^{\circ}$ E.
75.70	Fence brs. N. 80° W. and East from a point 30 lks. S.
75.80	Drain, 6 lks. wide, course N. 75° E.
79.80	The cor. of secs. 11, 12, 13 and 14.
	Land: mountainous. Soil: rocky, 3rd rate. Timber: oak. Undergrowth: greasewood, catclaw, mahogany and cactus.

40.00	West, on a random line bet. secs. 11 and 14. Set temp. $\frac{1}{4}$ sec. cor.
81.61	Fall 7 lks. N. of the cor. of secs. 11 and 14, only, hereinbefore described.
	Thence N. $89^{\circ}57'$ E., on a true line, bet. secs. 11 and 14. Over mountainous land, thru scattering timber and undergrowth. Asc. 400 ft. over W. and SW. slopes.
15.00	Spur, slopes SW. Desc. 303 ft. over SE. slope.
41.30	Drain, 6 lks. wide, course SW. Asc. 15 ft.
41.61	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground, with a stone marked with cross (X) deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<u>S11</u> S14 1925
	Raise a mound of stone, 3 ft. base, 1 ft. high, around post. No trees available.
	Asc. 382 ft. over W. slope.
54.40	Spur, slopes S.
	Desc. 75 ft. over SE. slope.
58.15	Drain, 5 lks. wide, course S. Asc. 330 ft. over SW. slope.
71.00	Ridge (saddle) brs. N. and S. Desc. 133 ft. over SE. slope.
81.61	The cor. of secs. 11, 12, 13 and 14.
	Land: mountainous. Soil: rocky, 3rd rate.

Survey of part(completion) of Subdivision of T.20 S.,R.27 E. 21

Chains

Timber: oak and juniper.
Undergrowth: catclaw, mesquite and cactus.

No. 0°11'E., on a true line, bet. secs. 11 and 12.
Over mountainous land; thru scattering timber and undergrowth.
Asc. 165 ft.

6.39 Spur, slopes E.
Two houses (1) br. N.26°E.
House (3) brs. N.39½°E.
House (4) brs. N.43°E.
Hoist frame brs. N.65°04'E.
Mineral Monument No.1, which is a post 2x6x96 ins.,
marked U.S.M.M.No.1, set in a mound of stone, brs.
N.44°06'E.

21.00 Desc. 420 ft. over NE. slope.
Drain, 4 lks. wide, course E.
Asc. 10 ft.

25.00 Desc. 178 ft.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in
the ground, with stone marked with cross (X) deposited
at base, for ¼ sec. cor., with brass cap marked



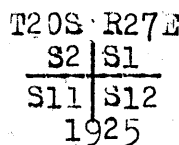
Raise a mound of stone, 4 ft. base, 2 ft. high, around
post. No trees available.
Desds 118 ft. available.

47.40 Drain, 6 lks. wide, course E. Asc. 253 ft. over S. slope.

54.87 Spur, slopes W.
House (1) brs. S.60°E.
House (1) brs. S.58°E.
House (3) brs. S.69°E.
House (4) brs. S.63¼°E.
Hoist frame brs. S.47°08'E.
Mineral Monument No.1 brs. S.73°47'E.
Asc. 48 ft. along W. slope.

75.50 Fence brs. N.30°W. and S.30°E.
Top of knoll.

80.00 Desc. 13 ft. over NW. slope.
Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in
the ground, with a stone marked with cross (X) deposited
at base, for cor. of secs. 1, 2, 11 and 12, with brass
cap marked



Raise a mound of stone, 4 ft. base, 2 ft. high around
post.
No trees available.

Land: mountainous.
Soil: rocky, 2nd and 3rd rates.
Timber: oak.
Undergrowth: greasewood, catclaw, mahogany and cactus.

N.89°45'E., on a random line, bet. secs. 1 and 12.
Set temp. ¼ sec. cor.

40.00 Fall 4 lks. S. of the cor. of secs. 1 and 12, only, on
79.82 the E. bdy. of the Tp., which is an iron post, 3 ins.
in dia., projecting 12 ins. above ground, firmly set,

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22. Survey of part(completion) of the Subdivision of T.20 S., R.27 E.

Chains

with a brass cap properly marked, dated 1916, with a mound of stone W.

Thence,

S.89°43'W., on a true line, bet. secs. 1 and 12.

Over mountainous land; thru scattering timber and undergrowth.

Asc. 500 ft. over NE. slope.

16.00 Ridge brs. N. and S.

Desc. 390 ft. over W. slope.

39.91 Cor. No.6 of "Mammoth" patented lode claim (Gen.No.274), identical with cor. No.2 of "Whale" claim, a stake

with illegible marks, brs. S.13°55'E., 30.74 chs. dist.

39.91 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground with stone marked with cross(X) deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1

S12

1925

Raise a mound of stone, 3 ft. base, 1 ft. high around post.

No trees available.

Desc. 73 ft.

44.90 Road brs. N. and S. in wash, 15 lks. wide, course N.

Asc. 270 ft. over E. slope.

63.90 Spur, slopes N.

Desc. 60 ft. over NW. slope.

67.00 Head of ravine, course NE.

Asc. 282 ft.

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

Land: mountainous.

Soil: rocky, 3rd rate.

Timber: oak.

Undergrowth: catclaw, mahogany, greasewood and cactus.

S.89°57'W., on a random line, bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

81.86 Intersect the cor. of secs. 2 and 11, only, hereinbefore described.

Thence

N.89°57'E., on a true line, bet. secs. 2 and 11.

Over mountainous land; thru scattering timber and undergrowth.

Asc. 320 ft. over W. slope.

8.10 Rocky spur, slopes N.

Desc. 344 ft. over E. slope.

18.30 Drain, 3 lks. wide, course S.

Asc. 462 ft. over W. slope.

41.80 Ridge, brs. N. and S.

41.86 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, with stone marked with cross(X) deposited at base, for $\frac{1}{4}$ sec. cor., with brass cap marked

S2

S11

1925

Raise a mound of stone, 3 ft. base, 1½ ft. high, around post.

No trees available.

Asc. 40 ft. along S. slope.

51.80 Spur, slopes S.

Desc. 340 ft. over SE. slope

64.50 Drain, 4 lks. wide, course NE.

65.70 Low spur, slopes NE.

Survey of Part (completion) of Subdivision Lines of T.20 S., R.27 E.

chains
 81.51 Ascend 337 ft. to sec.cor.
 81.86 Fence, bears N.and S.
 81.86 Intersect the cor.of secs.1,2,11 and 12.

Land, mountainous.
 Soil, rocky, 2nd and 3rd rate.
 Timber, oak and juniper.
 Undergrowth,greasewood,catclaw,spanish bayonet,mountain
 mahogany and cactus.

Worth, on random line,bet.secs.1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 86.30 Fall 7 lks.E.of reestablished cor.of secs.1,2,35 & 36 on
 N.bdy.of Tp.,hereinbefore described.
 Thence
 S.0° 3'E.;on true line,bet.secs.1 and 2.
 Over rolling land,thru scattering timber & undergrowth.
 Descend gradually over SW.slope
 9.20 Drain, 10 lks.wide,course NW.
 9.60 Road, bears NW.and SE.
 23.80 Drain, 6 lks.wide,course NE.
 46.30 Set an iron post,3 ft.long,1 in.in diam.,26 ins.in the
 ground,for $\frac{1}{4}$ sec.cor.of secs.1 and 2,with brass cap
 marked,

$\frac{1}{4}$
 S. 2 | S 1
 1925

No bearing trees available.
 Raise a mound of stone,2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.

46.40 Wash, 7 lks.wide, course E.
 Ascend 152 ft.
 60.50 Slope changes. Descend 20 ft.
 68.10 Slope changes. Ascend 422 ft.to sec.cor.
 77.80 Drain, 3 lks.wide,course NW.
 82.70 Fence, bears E.and W.
 86.30 Intersect the cor.of secs.1,2,11 and 12.

Land, rolling.
 Soil, sandy,2nd rate.
 Timber, oak.
 Undergrowth,catclaw,greasewood,spanish bayonet & cactus.

The continued satisfactory adjustment of the instrument used in the execution of the resurveys and surveys described in the foregoing notes is indicated from field tests of same described in Book "G" of this group.

Boundaries of part of T.20 S., R.27 E.
 Latitudes, departures and closing errors.

Line designated	True bearing	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary (4th St. Par. S.)	N.89°40'W.	40.14	.23			40.14
	N.89°43'W.	40.12	.20			40.12
Subdivisional Boundary	N.0°27'E.	40.08	40.08		.31	
	N.1°02'E.	40.46	40.45		.73	
	S.87°40'W.	40.19		1.64		40.16
	S.86°50'W.	39.83		2.20		39.77
	N.1°24'W.	45.80	45.79			1.12
	N.0°38'W.	40.22	40.22			.44
	N.89°55'W.	80.48	.12			80.48
	N.0°18'E.	80.84	80.84		.42	
	N.1°05'E.	41.85	41.84		.79	
	North	40.12	40.12			
	N.0°04'W.	40.10	40.10			.05
	N.0°13'W.	40.52	40.52			.15
N.1°22'W.	79.18	79.16			1.89	
North Boundary	N.89°41'E.	40.40	.22		40.40	
	East	202.88			202.88	
East Boundary	S.4°45'E.	1.31		1.31	.11	
	S.0°12'W.	484.48		484.48		1.69
Convergency					.19	
Totals			489.89	489.63	245.83	246.01
			489.63			245.83
Error in latitude			0.26	.10		
Error in departure						0.18

GENERAL DESCRIPTION

Part of T.20 S., R.27 E., surveyed under this Group.

Lies entirely in Swisshelm Mts., which bear NE. and SW. through the part surveyed at this time. The sea-level elevation is between 4,500 and 6,500 ft.

It is sparsely timbered on its NE. slopes, the timber being scrub oak and juniper, suitable only for fuel or fencing purposes.

A spring and cabin are located in the SW. $\frac{1}{4}$ of sec. 14.

Some mining claims are being worked in sec. 12, a dug well furnishing water. No other water was observed.

There are some unworked patented mining claims in secs. 1 and 12.

Grazing is good.

4-680

FIELD ASSISTANTS. TO

D. R. AVERILL, U. S. SURVEYOR

NAMES.	CAPACITY.
A. F. AHRENS	FIRST CHAINMAN
CARL ANDERSON	SECOND CHAINMAN
J. E. KIRKPATRICK	FLAGMAN
RALPH GIBSON	AXMAN
C. S. DAVIS	CORNERMAN

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Dupree R. Averill, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 133, Arizona bearing date of the 19th day of June, 1924, 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 of T.20 S., R.27 E. and Subdivision lines of T.20 S., R.27 E., and surveyed all those parts or portions of the Subdivision lines of Township 20 South, Range 27 East

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said resurvey and 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 133, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: *Paulson, Calif.* *Dupree R. Averill* U. S. Surveyor.

Date: *June 9, 1926* APPROVAL.

OFFICE OF THE UNITED STATES SUPERVISOR OF SURVEYS. Denver, Colo., May 4, 1927

The foregoing field notes of the resurvey of the East half of the North Boundary and Part (Ebdy. of sec. 35) of the Subdivision lines, and (of the lion) survey of Part (completion) of the Subdivision lines of TOWNSHIP 20 SOUTH, RANGE 27 EAST

of the Gila and Salt River Base and Meridian, in the State of Arizona executed by D. R. Averill, U. S. Surveyor

under his special instructions dated June 19, 1924, for Group 133, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and surveys they describe, are hereby approved.

Wm. H. Johnson 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.