

3538

4-679

Book "A"

BOOK 3538

# FIELD NOTES

OF THE RESURVEY OF

part of the North boundary,

part of the West boundary,

and part of the Subdivision lines,

OF THE RETRACEMENT OF

part of the Subdivision lines,

AND OF THE SURVEY OF

part (completion) of the Subdivision lines of

Township 13 North, Range 21 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, under Special Instructions dated Sept. 28, 1918, issued by the United States Surveyor General to govern surveys included in Group No. 93, Arizona, which were approved by the Commissioner of the General Land Office, October 24, 1918, and Assignment Instructions dated April 1, 1920

Retracement,  
Resurvey and Survey commenced October 14, 1920

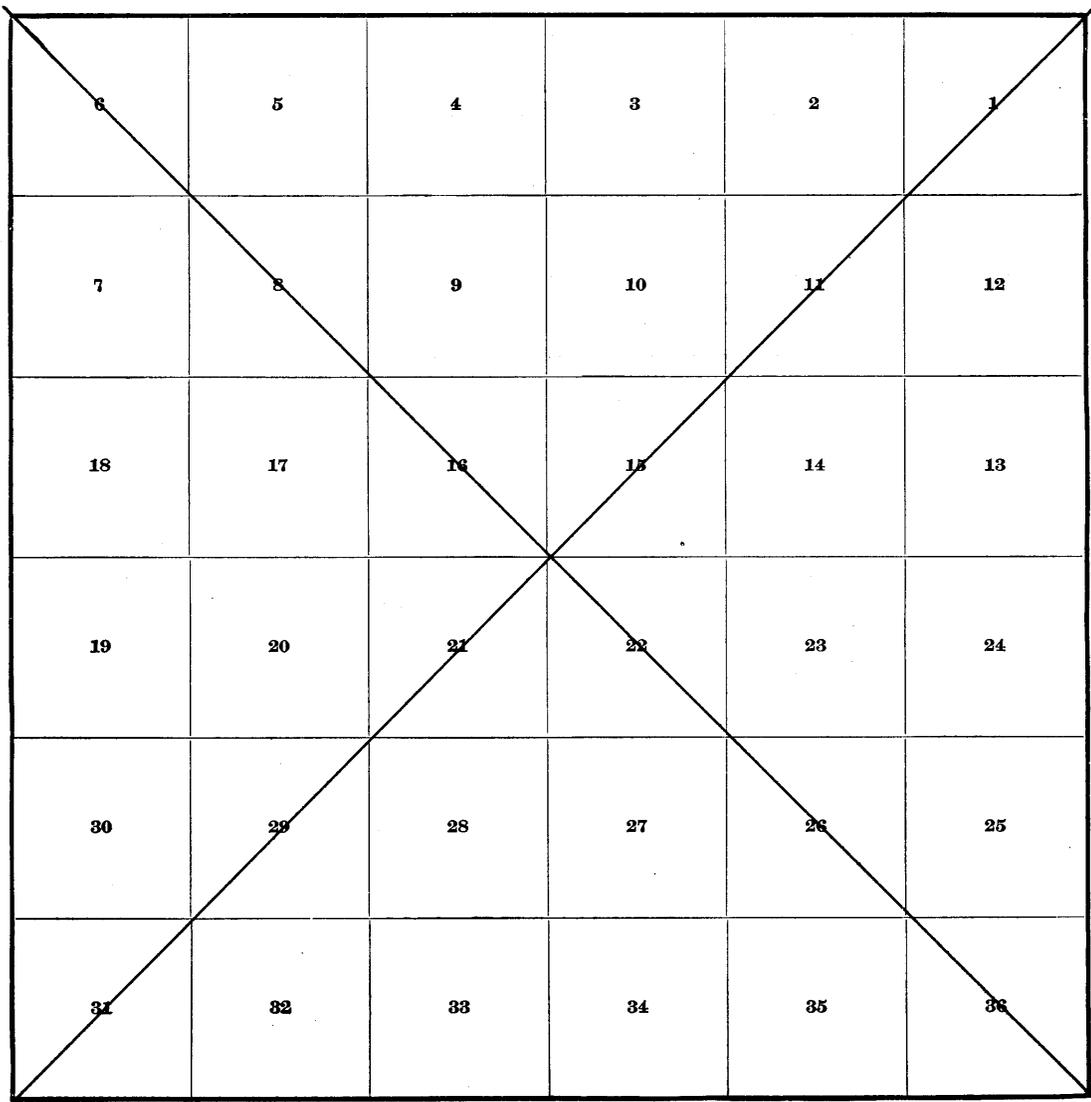
Retracement,  
Resurvey and Survey completed May 12, 1921.

3538

3538

# INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

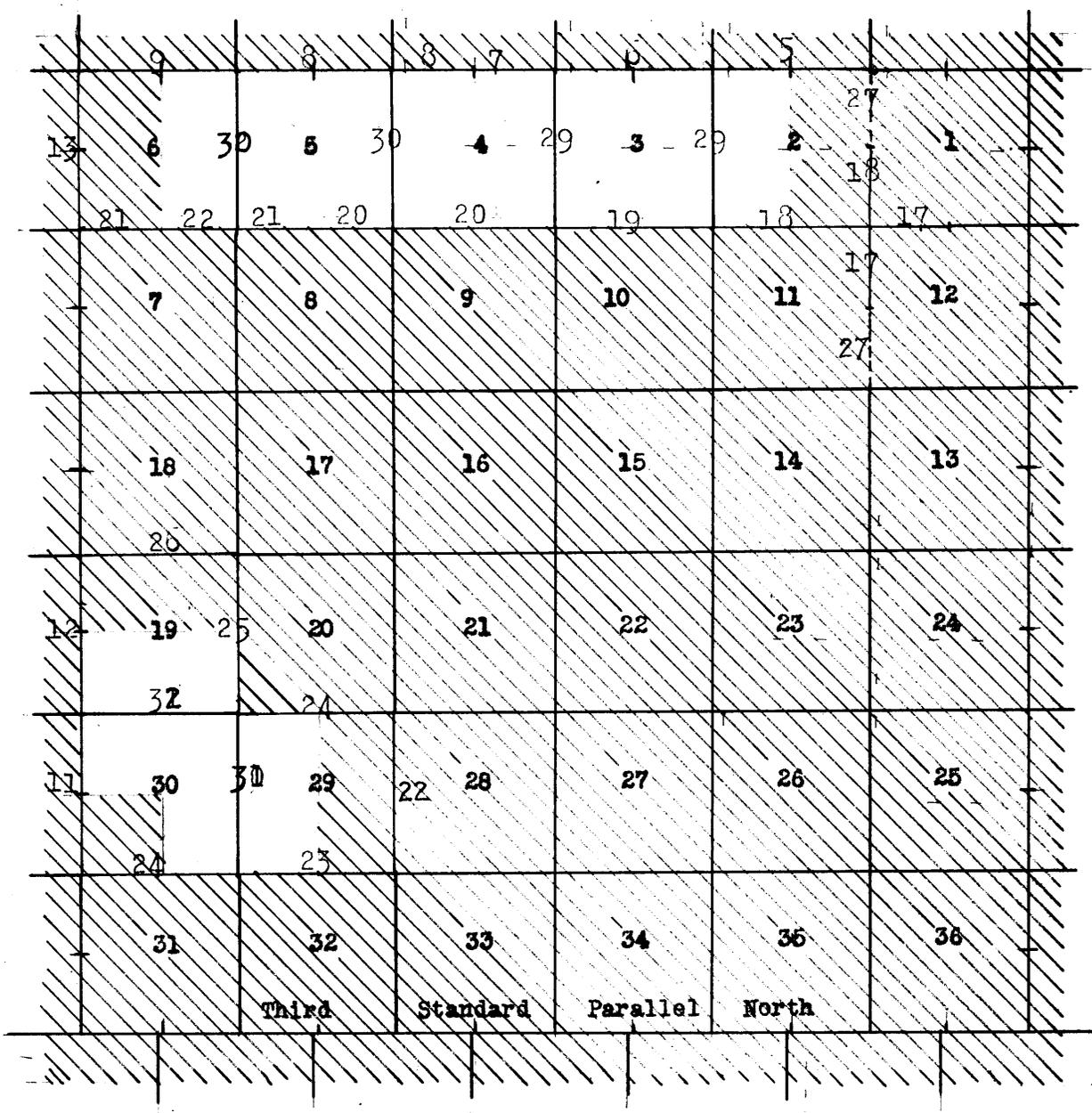


3538

BOOK 3538

Index Diagram

Township 13 North, Range 21 East.



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

Date Diagram

Township 13 North, Range 21 East,

BOOK 8538

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

On the above diagram:-

red lines indicate resurveys,  
dotted red lines indicate retracements, and  
blue lines indicate surveys,

executed by Sidney E. Blout, U. S. Cadastral  
Engineer, on dates shown thereon,  
and black lines indicate accepted surveys.

Retracements, resurveys and surveys hereinafter described executed on dates shown on diagram on page 2 hereof, by Sidney E. Blout, U. S. Cadastral Engineer, using a Buff light mountain transit No. 9984 with U-shaped standards,  $4\frac{1}{2}$ -inch horizontal circle, 4-inch vertical circle, and 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 attachment as stated in the field notes.

The instrument was examined, tested on the true meridian at Phoenix, Arizona, April 8, 1920, found correct, and was approved by the Assistant Supervisor of Surveys for Arizona, conditional upon satisfactory field tests.

All measurements are made with a Tufkin 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.

Preliminary to beginning the surveys in this township; examine the adjustments of the transit and correct all level and collimation errors, then to test the solar apparatus by comparing its indications, resulting from solar observations, during a.m., and p.m., hours with a meridian established by observation on Polaris, proceed as follows:

At the cor. of secs. 23, 24, 25 and 26, T. 13 N., R. 21 E., which is a cedar post 5 ins. sq. projecting 12 ins. above ground, firmly set, marked "TXIIN, SXXIV" on NE. face, "RXXIE, SXXV" on SE. face, "SXXVI" on SW. face, and "SXXIII" on NW. face, and 1 notch on E. edge and 3 notches on S. edge, latitude  $34^{\circ} 29\frac{1}{2}'$  N., longitude  $110^{\circ} 05' W.$ ; set off  $34^{\circ} 29\frac{1}{2}'$  N. on the lat. arc,  $7^{\circ} 9'$  S. on the decl. arc, and at 3 h. 00 m. p.m., apparent time Oct. 11, 1920, determine a meridian with the solar and mark a point thereof by a tally pin in stake driven in the ground about 5-chains N. of the corner.

Oct. 11, 1920. At 6 h. 17.2 m., p.m., l.m.t., by watch which is set to correct local mean time by the Telegraph clock in Holbrook, Arizona, this day, observe Polaris at eastern elongation and mark the direction thus determined by a nail driven in a stake set in the ground about 5-chains N. of instrument.

October 12, 1920. At 9 h. 00 m., a.m., lay off the azimuth of Polaris  $1^{\circ} 22'$  to the west and mark the meridian thus determined by a nail driven in the stake set last evening on which the meridian falls  $0\frac{1}{2}'$  east of the mark determined by the solar observation.

October 12, 1920, at 9h30m, a.m., apparent time, set off  $34^{\circ} 29\frac{1}{2}'$  N. on the lat. arc,  $7^{\circ} 26\frac{1}{2}'$  S. on the decl. arc and determine a meridian with the solar and mark a point thereof by a nail driven in the stake already set about 5-chains N. of instrument; this point falls  $01'$  east of the meridian established by the Polaris observations.

The solar apparatus, by p.m., and a.m., observations, defines positions for meridians, respectively about  $0\frac{1}{2}'$  W. and  $01'$  E. of the meridian established by the Polaris observations, therefore, conclude that the adjustments of the instrument are satisfactory.

Dependent Resurvey of Part of the North Boundary of  
T. 13 N., R. 21 E. (West 5 miles.)

4.

- Chains. This township boundary was surveyed by John L. Harris, U. S. D. S. in 1879 and retraced by Henry Meyrick, U. S. D. S. in 1883. No subsequent retracement or resurvey of any part of the line is of record. The following notes describe a dependent resurvey of the West 5 miles of the line using the record of the Meyrick retracement for the random line in the retracement for such resurveys.
- RETRACEMENT FOR RESURVEY.
- From the original cor. of secs. 1, 2, 35 and 36, Ts. 13 and 14 N., R. 21 E., hereinafter described.
- 40.36 N.  $89^{\circ} 51' W.$ , on a random line, bet. secs. 2 and 35 (E.  $\frac{1}{2}$ ) Fall 11 lks. N. of the original  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, hereinafter described. True course and dist. of E.  $\frac{1}{2}$  of line bet. secs. 2 and 35 are, therefore, West, 40.36 chs.
- Thence,  
S.  $89^{\circ} 52' W.$ , on a random line, on W.  $\frac{1}{2}$  of S. bdy. of sec. 35.
- 40.12 Fall 10 lks. S. of the original cor. of secs. 2, 3, 34 and 35, hereinafter described. True course and dist. of W.  $\frac{1}{2}$  of S. bdy. of Sec. 35, are, therefore, N.  $89^{\circ} 59' W.$  40.12 chs.
- 
- West, on a random line, on E.  $\frac{1}{2}$  of S. bdy. of sec. 34.
- 40.08 Fall 23 lks. N. of the original  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, hereinafter described. True course and dist. of E.  $\frac{1}{2}$  of S. bdy. of sec. 34 are, therefore, S.  $89^{\circ} 40' W.$ , 40.08 chs.
- Thence,  
S.  $89^{\circ} 50' W.$ , on a random line, on W.  $\frac{1}{2}$  of S. bdy. of sec. 34.
- 40.00 Fall 12 lks. N. of the remains of original cor. of secs. 3, 4, 33 and 34, hereinafter described. True course and dist. of W.  $\frac{1}{2}$  of S. bdy. of sec. 34 are, therefore, S.  $89^{\circ} 40' W.$ , 40.00 chs.
- 
- S.  $89^{\circ} 47' W.$ , on a random line, bet. secs. 4 and 33 (E.  $\frac{1}{2}$ )
- 40.16 Fall 7 lks. S. of the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, hereinafter described. True course and dist. of E.  $\frac{1}{2}$  of line bet. secs. 4 and 33 are, therefore, S.  $89^{\circ} 53' W.$ , 40.16 chs.
- Thence,  
N.  $89^{\circ} 47' W.$  on a random line bet. secs. 4 and 33 (W.  $\frac{1}{2}$ )
- 40.34 Fall 13 lks. N. of the original cor. of secs. 4, 5, 32 and 33, hereinafter described. True course and dist. of W.  $\frac{1}{2}$  of line bet. secs. 4 and 33 are, therefore, N.  $89^{\circ} 58' W.$ , 40.34 chs.
- 
- S.  $89^{\circ} 51' W.$ , on a random line, bet. secs. 5 and 32 (E.  $\frac{1}{2}$ )
- 40.05 (Record dist.) Make diligent search in this vicinity for the original  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, without success. Set temp.  $\frac{1}{4}$  sec. cor. of said secs.
- Thence,  
S.  $89^{\circ} 43' W.$  on a random line, bet. secs. 5 and 32 (W.  $\frac{1}{2}$ ).
- 40.10 (Record dist.) Set temp. cor. of secs. 5, 6, 31 and 32, from which the original cor. of said secs. bears N.  $58^{\circ} W.$ , 56 lks. dist. This tie is used in determining the point for reestablishment of the missing  $\frac{1}{4}$  sec.

Dependent Resurvey of Part of the North Boundary  
of T.13 N., R.21 E. (West 5 miles)

5

Chains

(Retracement for Resurvey, Cont'd)

cor. of secs. 5 and 32, such point being at 28 lks. N.58°W., from temp. cor. set at record course and dist., as above described. The resulting courses and distances of the intervals are as follows: E.  $\frac{1}{2}$  bet. secs. 5 and 32, N.89°56'W., 40.29 chs. W.  $\frac{1}{2}$  bet. secs. 5 and 32, S.89°56'W., 40.34 chs.

40.37 From the original cor. of secs. 5, 6, 31 and 32, hereinafter described,  
N.89°51'W., on a random line bet. secs. 6 and 31, E.  $\frac{1}{2}$ .  
Fall 18 lks. N. of the original  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, hereinafter described. True course and distance of E.  $\frac{1}{2}$  of line bet. secs. 6 and 31 are therefore, S.89°54'W., 40.37.

40.24 Thence  
S.89°48'W., on a random line bet. secs. 6 and 31, W.  $\frac{1}{2}$ .  
Fall 18 lks. N. of the original cor. of Tps. 13 and 14 N., Rs. 20 and 21 E., hereinafter described.  
True course and distance of W.  $\frac{1}{2}$  of line bet. 6 and 31 are therefore, S.89°33'W., 40.24.

Resurvey

The original cor. of secs. 1, 2, 35 and 36, Ts.13 and 14 N., R.21 E., is a cedar post, 3 ins. square, projecting 12 ins. above ground, firmly set, marked "TX11N RXX1E S11" on SW. face, "1" on SE. face, and 1 notch on E. edge and 5 notches on W. edge, and witnessed by one bearing tree as follows:

A cedar, 6 ins. in diam., N.1 $\frac{1}{2}$ °E., 15 lks. dist.  
marked TX1VN RXX1E X1

40.36 Thence  
West, on a true line bet. secs. 2 and 35 (E.  $\frac{1}{2}$ )  
Over rolling land, thru scattering timber and undergrowth along N. slope, with little change in elevation.  
Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, which is a cedar post, 3 ins. square, projecting 2 ft. above ground, badly decayed, marked " $\frac{1}{4}$ S" on N. face, and witnessed by one bearing tree as follows:

A cedar, 10 ins. in diam., S.1 $\frac{1}{2}$ °E., 36 lks. dist.  
marked " $\frac{1}{4}$ S"

Alongside of old post, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of secs. 2 and 35, marked on brass cap

S 35  
-----  
 $\frac{1}{4}$   
S 2  
1920

Change marking on original bearing tree to read

$\frac{1}{4}$  S 2 B T

On a cedar, 7 ins. in diam., N.17 $\frac{3}{4}$ °E., 71 lks. dist.  
mark  $\frac{1}{4}$  S 35 B T

Thence

N.89°59'W., on a true line on W.  $\frac{1}{2}$  of N. bdy. of sec. 2,  
T.13 N., R.21 E.

Over rolling and hilly land, thru dense timber and undergrowth. Desc.

10.00 Head of draw, 50 lks. wide, course NE. Asc. 10 ft. over E. slope.

30.00 Sandy ridge, bears N. and S. Desc. 15 ft. over W. slope.

34.50 Telephone line from Woodruff to Snowflake, Arizona, bears N.9°E. and S.9°W.

Dependent Resurvey of Part of the North Boundary of T.13 N., R.21 E. (West 5 miles)

Chains  
40.12

Intersect the original cor. of secs. 2, 3, 34 and 35, which is a cedar post, 3 ins. square, projecting 18 ins. above ground, greatly decayed, marked with 2 notches on E. edge, and 4 notches on W. edge, other marks obliterated. No accessories.

Alongside of old post, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 34 and 35, marked on brass cap

T14N R21E  
S 34 | S 35  
S 3 | S 2  
T13N  
1920

A cedar, 10 ins. in diam., bears N.47 $\frac{1}{2}$ °E., 250 lks. dist. marked T 14 N R 21 E S 35 B T

A cedar, 5 ins. in diam., bears N.25 $\frac{3}{4}$ °W., 318 lks. dist. marked T 14 N R 21 E S 34 B T

No trees available in secs. 2 and 3.

Land; rolling and hilly.  
Soil; 2nd. and 3rd. rates.  
Timber; scattering cedar.  
Undergrowth; scattering sagebrush.

Thence

S.89°40'W.; on a true line bet. secs. 3 and 34. Over rolling land, thru scattering undergrowth. Desc. gradually over W. slope.

5.40 Draw, 20 lks. wide, course N. Asc. 15 ft. over E. slope.  
20.00 Sand ridge, bears N. and S. Desc. 12 ft. over W. slope.  
31.00 Draw, 20 lks. wide, course NE. Asc. 10 ft. over SE. slope.  
39.75 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 3 only, marked on brass cap

$\frac{1}{4}$  S 3  
1920

Dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist.

40.08 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, which is a cedar post, 2 $\frac{1}{2}$  ins. square, projecting 2 ft. above ground, marked  $\frac{1}{4}$  S on N. face, set in a mound of earth midway bet. faint remains of two pits, one each E. and W. of post, 5 $\frac{1}{2}$  ft. dist.

Alongside old stake, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 34 only of T.14 N., marked on brass cap

$\frac{1}{4}$  S 34  
-----

1920

A cedar, 18 ins. in diam., bears N.65°E., 331 lks. dist. marked  $\frac{1}{4}$  S 34 B T

Obliterate all trace of old pits and dig new pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist.

Continue line and measurement,

42.08 Sand ridge, bears NE. and SW. Desc. 10 ft. over NW. slope.

Dependent Resurvey of Part of the North Boundary of  
T. 13 N., R. 21 E.  
West 5 miles.

7.

Chains

- 55.00 Draw, 50 lks. wide, course NE. Asc. gradually over SE. slope.
- 72.78 Center of the Apache Railroad track bears NW. and SE.
- 74.18 Telegraph line bears NW. and SE.
- 79.28 Highway from Fort Apache to Holbrook, Ariz., bears N.  $8\frac{1}{2}^\circ$  W., and S.  $8\frac{1}{2}^\circ$  E.
- 79.81 Military telegraph line from Fort Apache to Holbrook, Arizona, bears N.  $8^\circ$  W. and S.  $8^\circ$  E.
- 80.08 (40.00 chs. S.  $89^\circ 40'$  W., from  $\frac{1}{4}$  sec. cor. of sec. 34).  
Intersect the remains of the original cor. of secs. 3, 4, 33 and 34, which is a mound of earth, equidistant from faint remains of three pits. Part of the old post is embedded in center of mound and part is lying on ground alongside, on which faint marks are visible but illegible.  
Destroy mound of earth and in center of its position reset the remains of old post in ground and alongside same set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap:

T 14 N		R 21 E
S 33		S 34
S 4		S 3
T 13 N.		
1920		

- A cedar 10 ins. in diam. bears N.  $55^\circ$  E. 246 lks. dist., mark "T 14 N R 21 E S 34 BT."
- A cedar 10 ins. in diam. bears S.  $66^\circ$  E., 292 lks. dist., mark "T 13 N., R 21 E S 3 BT."
- A cedar 8 ins. in diam. bears S  $42^\circ$  W. 298 lks. dist., mark "T 13 N R 21 E S 4 BT".
- A cedar 10 ins. in diam. bears N.  $43\frac{3}{4}^\circ$  W. 535 lks. dist., mark "T 14 N R 21 E S 33 BT."

Land, rolling.  
Soil, sandy 2nd. and 3rd rate.  
Timber, scattering cedars near the line.  
Undergrowth, scattering sagebrush.

S.  $89^\circ 53'$  W., on true line, bet. secs. 4 and 33 ( $E.\frac{1}{2}$ )  
Over rolling land, through scattering timber and undergrowth.

- 7.50 Foot of sandstone butte, a very prominent land mark in the country, bears N. and S. Asc. 102 ft. over NE. slope over broken ledges from 3 to 6 ft. high.
- 13.50 Top of ascent on N. side of same butte. Desc. 106 ft. over broken stony NW. slope.
- 20.00 Foot of butte bears N. and S. Thence descend very gradually over NW. slope.
- 40.15 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, which is a cedar post, 3 ins. square, projecting  $2\frac{1}{2}$  ft. above ground, firmly set in a md. of earth midway bet. faint remains of two pits, one each E. and W. of post,  $5\frac{1}{2}$  ft. dist. Post is marked " $\frac{1}{4}$  S" on N. face.  
Destroy the md. of earth and alongside of the old post, set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, marked on brass cap:

$\frac{1}{4}$		S 33
		S 4
1920		

Obliterate the remains of old pits and establish two bearing trees as follows:

Dependent Resurvey of part of the North Boundary of  
T. 13 N., R. 21 E.  
(West 5 miles)

8.

Chains      On a cedar 4 ins. in diam. N.  $73\frac{3}{4}^{\circ}$  E., 245 lks. dist., mark " $\frac{1}{4}$  S 33 BT".  
On a cedar 6 ins. in diam. S.  $81\frac{1}{2}^{\circ}$  E. 190 lks. dist., mark " $\frac{1}{4}$  S 4 BT".

Thence,  
N.  $89^{\circ} 58'$  W., on true line bet. secs. 4 and 33 (W. $\frac{1}{4}$ )  
Over rolling land, thru scattering timber and undergrowth.  
Desc. gradually over W. slope.

3.14 Old wood road bears NW. and SE.  
17.85 Ravine 6 lks. wide,  $2\frac{1}{2}$  ft. deep, course N. Asc. gradually over E. slope.  
27.37 Old wood road bears N. and S.  
40.34 Intersect the original cor. of secs. 4, 5, 32 and 33, which is a cedar post, 4 ins. sq.,  $2\frac{1}{2}$  ft. long, loosely set in a mound of stone in wire-fence line, bearing N.  $4^{\circ}$  W., and S.  $5^{\circ}$  E., marked with 4 notches on E. edge and 2 notches on W. edge. This cor. falls on bedrock, therefore  
Alongside the old post, over cross (X) cut in the bedrock and supported by a mound of stone 5 ft. base  $2\frac{1}{2}$  ft. high, set an iron post 3 ft. long, 2 ins. in diam. for reestablished cor. of secs. 4, 5, 32 and 33, marked on brass cap:

T 14 N	R 21 E
S 32	S 33
S 5	S 4
T 13 N	
1920	

Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling, broken and hilly.  
Soil, sandy and stony 3rd and 4th rate.  
Timber, scattering cedar.  
Undergrowth, scattering sagebrush.

---

N.  $89^{\circ} 56'$  W., on true line, bet. secs. 5 and 32 (E. $\frac{1}{4}$ )  
Over rolling land, thru scattering timber and undergrowth.  
Asc. very gradually.

16.00 Enter flat bears NW. and SE.  
40.00 Leave flat bears N. and S. Thence over gently rolling land with little change in elevation.  
40.29 Reestablished point for  $\frac{1}{4}$  sec. cor. determined as hereinbefore described.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, marked on brass cap:

$\frac{1}{4}$ S 32
S 5
1920

A cedar 8 ins. in diam. bears N.  $13^{\circ}$  W. 200 lks. dist., mark " $\frac{1}{4}$  S 32 BT".  
Dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist.  
Thence,  
S.  $89^{\circ} 56'$  W., on true line, bet. secs. 5 and 32 (W. $\frac{1}{2}$ ).  
Over gently rolling land thru scattering timber and undergrowth.

40.34 Intersect the original cor. of secs. 5, 6, 31 and 32, which is a cedar post, 3 ins. sq. projecting 18 ins. above ground, marked "TXIVM, SXXXII" on NE. face, "TXIIIE SV" on SE. face, "XXXI" on NW. face, 5 notches on E. edge and 1 notch on W. edge. No accessories.  
Alongside the old post, set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 5, 6, 31 and 32, marked on brass cap:

Dependent Resurvey of Part of the North Boundary of  
T. 13 N., R. 21 E.  
(West 5 miles)

Chains

T 14 N	R 21 E
S 31	S 32
S 6	S 5
T 13 N	
1920	

Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.  
Land, gently rolling.  
Soil, sandy and stony, 3rd and 4th rate.  
Timber, scattering cedar.  
Undergrowth, scattering scrub cedar and sagebrush.

- S. 89° 54' W. on true line bet. secs. 6 and 31 (E.½)
- Over gently rolling land, thru scattering undergrowth.
- 22.50 Draw 50 lks. wide, course N. Ascend 10 ft. on E. slope.
- 30.00 Low gravelly ridge, bears NE. and SW. Desc. 25 ft. over NW. slope to.
- 40.37 Intersect the original ¼ sec. cor. of secs. 6 and 31, which is a cedar stake 3 ins. sq., 3 ft. long, marked "¼ S" on one face lying on a mound of earth, midway between distinct remains of two pits, one each E. and W. of cor. 5½ ft. dist.
- In center of old earth mound, set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground alongside of old cor. monument for reestablished ¼ sec. cor. of secs. 6 and 31, marked on brass cap:

¼	S 31
	S 6
1920	

- Obliterate the remains of the old pits and dig new pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist.
- Thence,
- S. 89° 33' W., on true line, bet. secs. 6 and 31 (W.½).
- Over gently rolling land thru scattering undergrowth.
- Desc. gradually over NW. slope.
- 13.73 Draw, 100 lks. wide, course NE. Asc. 15 ft. over SE. slope.
- 24.63 Low ridge bears N. and S. Desc. 15 ft. over SW. slope.
- 39.78 Ravine 10 lks. wide, 4 ft. deep, course SE.
- 40.24 Intersect the original cor. of Tps. 13 and 14 N., Rs. 20 and 21 E., which is a cedar post, 6 ins. square, projecting 18 ins. above ground, firmly set, marked "TXIII RXXI SVI" on SE. face, other marking on faces illegible, 6 notches on each of N., S., and W., edges. No accessories.
- Reestablish this cor. as follows: Alongside of old post, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of Ts. 13 and 14 N., Rs. 20 and 21 E., marked on brass cap:

T 14 N		R 21 E
R 20 E		S 31
S 36		S 6.
S 1		
T 13 N		
1921		

Dig pits 18 x 18 x 12 ins. NE., SE., SW., and NW., of cor. 3 ft. dist.  
Land, gently rolling.  
Soil, sandy and stony, 3rd and 4th rate.  
No timber.  
Undergrowth, scattering sagebrush.

Dependent Resurvey of Part of the West Boundary of  
T. 13 N., R. 21 E.  
(W. of Secs. 6, 19 and 30)

10

Chains This township boundary was surveyed by John L. Harris, U. S. D. S., in 1879, and retraced by M. N. Grant, U. S. D. S. in 1883. No subsequent retracement or resurvey of any part of the line is of record. The following notes describe a dependent resurvey of the line West of Secs. 6, 19 and 30, T. 13 N., R. 21 E., using the record of the Grant retracement for the courses of the random lines.

RETRACEMENT FOR RESURVEY.

From original cor. of Ts. 13 and 14 N., Rs. 20 and 21 E., hereinbefore described, S.  $0^{\circ} 26'$  E., on random line, bet. secs. 1 and 6 (N.  $\frac{1}{2}$ )

40.10 Fall 11 lks. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, hereinafter described. True bearing and length of N.  $\frac{1}{2}$  of line bet. secs. 1 and 6 are, therefore N.  $0^{\circ} 17'$  W., 40.10 chs.

Thence,

S.  $0^{\circ} 51'$  E., on random line, bet. secs. 1 and 6 (S.  $\frac{1}{2}$ )

40.23 Fall 51 lks. E. of the original cor. of secs. 1, 6, 7 and 12, hereinafter described.

True bearing and length of S.  $\frac{1}{2}$  of line bet. secs. 1 and 6 are, therefore N.  $0^{\circ} 7'$  W., 40.23 chs.

From the original cor. of secs. 13, 18, 19, and 24, Ts. 13 N., Rs. 20 and 21 E., hereinafter described.

S.  $0^{\circ} 30'$  E. on a random line, bet. secs. 19 and 24 (N.  $\frac{1}{2}$ )

40.14 Fall 19 lks. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, hereinafter described.

True bearing and length of N.  $\frac{1}{2}$  of line bet. secs. 19 and 24 are, therefore, N.  $0^{\circ} 14'$  W., 40.14 chs.

Thence,

S.  $0^{\circ} 30'$  E. on a random line, bet. secs. 19 and 24 (S.  $\frac{1}{2}$ )

40.15 Fall 19 lks. E. of the original cor. of secs. 19, 24, 25 and 30, hereinafter described.

True bearing and length of S.  $\frac{1}{2}$  of line bet. secs. 19 and 24 are, therefore, N.  $0^{\circ} 14'$  W., 40.15 chs.

S.  $0^{\circ} 26'$  E. on a random line, bet. secs. 25 and 30 (N.  $\frac{1}{2}$ )

40.12 Fall 21 lks. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, hereinafter described. True bearing and length of N.  $\frac{1}{2}$  of line bet. secs. 25 and 30 are, therefore N.  $0^{\circ} 08'$  W. 40.12 chs.

Thence,

S.  $0^{\circ} 26'$  E. on a random line, bet. secs. 25 and 30 (S.  $\frac{1}{2}$ )

40.22 Fall 8 lks. E. of the original cor. of secs. 25, 30, 31 and 36, Ts. 13 N., Rs. 20 and 21 E., hereinafter described.

True bearing and length of S.  $\frac{1}{2}$  of line bet. secs. 25 and 30 are, therefore, N.  $0^{\circ} 19'$  W., 40.22 chs.

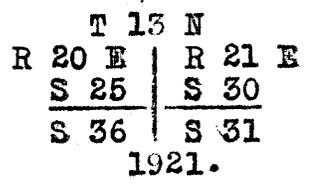
RESURVEY.

The original cor. of secs. 25, 30, 31 and 36, is a small mound of earth equidistant from from faint remains of three pits, one each NE., SE., and SW.,  $5\frac{1}{2}$  ft. dist., The original cor. monument, a cedar post, 5 ins. square,  $2\frac{1}{2}$  ft. long, marked "TXIIIN" on one face, "RXXI" on another, "XXX" on another, and "XXV" on another face, and 5 notches on one edge is lying on the ground alongside the mound.

Dependent Resurvey of Part of the West Boundary of  
T. 13 N., R. 21 E.  
(W. of secs. 6, 19 and 30)

BOOK 11

Chains Reestablish this cor. as follows:  
Destroy the mound of earth, and in center of its position  
reset the old post with markings facing proper direc-  
tions and alongside same set an iron post, 3 ft. long,  
2 ins. in diam., 24 ins. in the ground for reestablish-  
ed cor. of secs. 25, 30, 31 and 36, marked on brass  
cap:

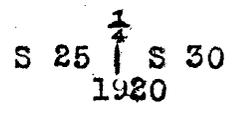


- A cedar, 10 ins. in diam. bears N. 19 $\frac{1}{2}$ ° E., 246 lks.  
dist., mark "T 13 N R 21 E S 30 B T."
- A cedar, 12 ins. in diam., bears S. 31 $\frac{1}{2}$ ° E., 240 lks.  
dist., mark "T 13 N R 21 E S 31 B T."
- A cedar, 6 ins. in diam., bears S. 51 $\frac{1}{2}$ ° W., 215 lks.  
dist., mark "T 13 N R 20 E S 36 B T."
- A cedar, 22 ins. in diam., bears N. 42 $\frac{1}{2}$ ° W., 201 lks.  
dist., mark T 13 N R 20 E S 25 B T.

Thence,  
N. 0° 19' W., on true line, bet. secs. 25 and 30 (S.  $\frac{1}{2}$ ).  
Over gently rolling land, thru scattering timber and  
undergrowth.

40.22 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 25 and 30,  
which is a cedar post 3 ins. square, projecting 14  
ins. above ground, firmly set, marked " $\frac{1}{4}$  S" on W.  
face. No accessories.

Alongside old post, set an iron post, 3 ft. long, 1 in.  
in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$   
sec. cor. of secs. 25 and 30, marked on brass cap:



- A cedar, 4 ins. in diam., bears N. 36° E., 56 lks.  
dist., mark " $\frac{1}{4}$  S 30 B T."
- A cedar, 8 ins. in diam., bears N. 25° W., 140 lks.  
dist., mark " $\frac{1}{4}$  S 25 B T."

Thence,  
N. 0° 8' W., on true line, bet. secs. 25 and 30 (N.  $\frac{1}{2}$ )  
Over gently rolling land, thru scattering timber and  
undergrowth. Asc. gradually.

5.12 Low sandy ridge bears E. & W., sloping W. Desc. very  
gradually over N. slope.

17.42 Old road, bears NE. and SW.

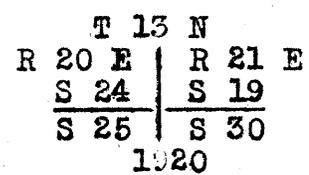
21.85 Old wood road, bears NE. and SW.

36.52 Old road bears NE. and SW.

40.12 Intersect the original cor. of secs. 19, 24, 25 and 30,  
which is a cedar post, 4 ins. square, projecting 12  
ins. above ground, firmly set alongside cor. post of  
wire fence, from which fence extends N. 3° W., and N.  
88° W. Cor. monument is marked "N R" on NE. face,  
4 notches on N. edge, and 2 notches on S. edge.

No accessories.

Alongside old cor. monument, set an iron post, 3 ft.  
long, 2 ins. in diam., 24 ins. in the ground, for re-  
established cor. of secs. 19, 24, 25 and 30, marked on  
brass cap:



- A cedar, 6 ins. in diam., bears N. 69° E. 188 lks.  
dist., mark "T 13 N R 21 E S 19 B T."

## Dependent Resurvey of Part of the West Boundary of

T. 13 N., R. 21 E.

12

(W. of secs. 6, 19 and 30)

Chains  
 A cedar, 14 ins. in diam., bears S.  $29\frac{1}{2}^{\circ}$  E., 113 lks. dist., mark "T 13 N R 21 E S 30 BT."  
 A cedar, 12 ins. in diam., bears S.  $57\frac{1}{2}^{\circ}$  W., 221 lks. dist., mark "T 13 N R 20 E S 25 BT."  
 A cedar, 6 ins. in diam., bears N.  $40^{\circ}$  W., 285 lks. dist., mark "T 13 N R 20 E S 24 BT."

Land, gently rolling.

Soil, sandy and stony, 3rd and 4th rate.

Timber, scattering cedar.

Undergrowth, scattering sagebrush.

N.  $0^{\circ} 14'$  W., on true line, bet. secs. 19 and 24 ( $S.\frac{1}{2}$ )  
 Over gently rolling land, thru scattering timber and undergrowth, nearly parallel to wire fence W. of line.  
 Desc. very gradually over N. slope.

11.60 Wash, 8 lks. wide, banks 3 ft. high, course E.

Asc. very gradually over S. slope.

27.00 Low ridge, bears NE. and SW., sloping SW. Desc. very gradually over NW. slope.

37.00 Head of draw course SW. Asc. very gradually over SE. slope to

40.15 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, which is a mound of earth S.  $65\frac{3}{4}^{\circ}$  W., 26 lks. dist. from one of the original bearing trees, a cedar, 10 ins. in diam. marked " $\frac{1}{4}$  S BT". No trace of the other record bearing tree, nor the pits. The original cor. monument, a cedar post, 3 ins. square,  $2\frac{1}{2}$  ft. long, marked " $\frac{1}{4}$  S" on one face is lying on the ground alongside the mound.

Destroy the mound of earth, and in center of its position, reset the old post 20 ins. in ground, and alongside set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished cor. of secs. 19 and 24, marked on brass cap:

S 24  $\frac{1}{4}$  S 19  
 1920

Change marking on old bearing tree to read " $\frac{1}{4}$  S 19 BT" and establish a new bearing tree as follows:  
 On a cedar, 8 ins. in diam., N.  $51^{\circ}$  W., 92 lks. dist., mark " $\frac{1}{4}$  S 24 BT."

Thence,

N.  $0^{\circ} 14'$  W., on true line, bet. secs. 19 and 24 ( $N.\frac{1}{2}$ )  
 Over rolling land, thru scattering timber and undergrowth, along E. side of wire fence nearly parallel to line.  
 Asc. 35 ft. over SE. slope.

17.50 Top of hill bears NE. and SW. Desc. 60 ft. over NE. slope.

20.40 Gulch, course E. Asc. 34 ft. over S. slope.

24.90 Spur, slopes E. Desc. 86 ft. over N. slope.

32.50 Old road, bears E. and W.

35.45 Gulch, 20 lks. wide, banks 4 ft. high, course E. Asc.

38.50 Old road, bears E. and W. slope to

40.14 Intersect the original cor. of secs. 13, 18, 19 and 24, which is a cedar post, 3 ins. square, projecting 12 ins. above ground, firmly set alongside cor. post of wire fences from which fences extend N., S., E., and W. Cor. monument is marked "SXVIII" on NE. face, "TXIIIN RXXIE" "SXIX" on SE. face, "XIII" on NW. face, and 3 notches on each of N. and S. edges and witnessed by one bearing tree,

A cedar, 8 ins. in diam., N.  $43\frac{1}{2}^{\circ}$  E., 169 lks. dist., marked "TXIIIN RXXIE SXVIII BT."

Alongside old post, set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap:

Dependent Resurvey of Part of the West Boundary of  
T. 13 N., R. 21 E.  
(W. of secs. 6, 19 and 30)

13

Chains

T 13 N	
R 20 E	R 21 E
S 13	S 18
S 24	S 19
1921	

In addition to the old bearing tree;  
Dig pits 18 x 18 x 12 ins. NE., SE., SW., and NW. of post,  
3 ft. dist.  
Land, rolling.  
Soil, sandy and stony, 2nd and 3rd and 4th rate.  
Timber, scattering cedar.  
Undergrowth, scattering sage brush.

The original cor. of secs. 1, 6, 7 and 12, T. 13 N.,  
Rs. 20 and 21 E., is a cedar post, 4 ins. square,  $2\frac{1}{2}$  ft.  
long, set in mound of earth, marked "TXIIIN RXXI S6" on  
NE. face, "SXII" on SW. face, "RXXE SI" on NW. face, 1  
notch on N. edge and 5 notches on S. edge. No accessories.  
Destroy old mound of earth, and in center of its position,  
reset old post, 20 ins. in ground, and alongside same,  
set an iron post, 3 ft. long, 2 ins. in diam., 24  
ins. in the ground, for reestablished cor. of secs.  
1, 6, 7, and 12, marked on brass cap:

T 13 N	
R 20 E	R 21 E
S 1	S 6
S 12	S 7
1921	

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

Thence,

N.  $0^{\circ} 7'$  W., on true line, bet. secs. 1 and 6 ( $S.\frac{1}{2}$ )

Over gently rolling, open, land, along E. side of wire  
fence bearing N. and S.

- 40.23 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6,  
which is a cedar post, 3 ins. square, projecting 2 ft.  
above ground, firmly set, marked " $\frac{1}{4}$  S" on W. face.  
Alongside old post, set an iron post, 3 ft. long, 1 in.  
in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$   
sec. cor. of secs. 1 and 6, marked on brass cap:

S 1	S 6
1921	

Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist.  
Thence,

N.  $0^{\circ} 17'$  W., on true line, bet. secs. 1 and 6 ( $N.\frac{1}{2}$ )

Over gently rolling open land, along E. side of wire  
fence, bearing N. and S.

- 40.10 Intersect the reestablished cor. of Ts. 13 and 14 N.,  
Rs. 20 and 21 E., hereinbefore described.  
Land, gently rolling.  
Soil, sandy and strong clay loam, 3rd rate.  
No timber or undergrowth.

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

14

Chains

The subdivision lines of this township, with the exception of line bet. secs. 2 and 3, bet. secs. 3 and 4, bet. secs. 4 and 5, bet. secs. 5 and 6, bet. secs. 19 and 30, and bet. secs. 29 and 30, were surveyed by John L. Harris, U. S. D. S. in 1879, and no retracement or resurvey of any part of same is of record. The exceptions noted are lines which have never been surveyed, and are surveyed under the instructions of this group as hereinafter described:

The following notes describe a dependent resurvey of the subdivision lines forming parts of the boundaries of secs. 2, 3, 4, 5, 6, 19, 29 and 30, the N.  $\frac{1}{2}$  of line bet. secs. 11 and 12, and W.  $\frac{1}{2}$  of line bet. secs. 1 and 12.

RETRACEMENT FOR RESURVEY.

From the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 12, hereinafter described,  
West, on random line, bet. secs. 1 and 12 (W.  $\frac{1}{2}$ )  
40.28 Fall 54 lks. S. of the point of original location of the cor. of secs. 1, 2, 11 and 12 hereinafter described.  
True course and length of W.  $\frac{1}{2}$  of line bet. secs. 1 and 12 are, therefore, N. 89° 14' W., 40.28 chs.

From the original  $\frac{1}{4}$  sec. cor. of secs. 11 and 12, hereinafter described.  
North, on random line, bet. secs. 11 and 12 (N.  $\frac{1}{2}$ )  
37.67 Fall 58 lks. E. of the point of original location of the cor. of secs. 1, 2, 11 and 12, hereinafter described:  
True course and length of N.  $\frac{1}{2}$  of line bet. secs. 11 and 12 are, therefore, N. 0° 53' W., 37.67 chs.

From point of original location of cor. of secs. 1, 2, 11 and 12.  
N. 0° 6' E., on random line, bet. secs. 1 and 2 (S.  $\frac{1}{2}$ )  
40.20 Fall 54 lks. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, hereinafter described.  
True course and length of S.  $\frac{1}{2}$  of line bet. secs. 1 and 2 are, therefore, S. 0° 40' E., 40.20 chs.

Thence,  
N. 0° 6' E. on random line, bet. secs. 1 and 2 (N.  $\frac{1}{2}$ )  
40.26 Fall 49 lks. E. of the original cor. of secs. 1, 2, 35 and 36 on N. bdy. of Tp., hereinbefore described.  
True course and length of N.  $\frac{1}{2}$  of line bet. secs. 1 and 2 are, therefore, S. 0° 36' E., 40.26 chs.

From point of original location of cor. of secs. 1, 2, 11 and 12.  
S. 89° 56' W., on random line, bet. secs. 2 and 11.  
39.93 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.51 Fall 145 lks. S. of point of original location of the cor. of secs. 2, 3, 10 and 11, determined as hereinafter described.  
True course and length of line bet. secs. 2 and 11 are,

BOOK 15

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21.E. (Retracement for Resurvey) 15

Chains	therefore, N. 89° 02' W., 80.52 chs.
From point of original location of cor. of secs. 2, 3, 10 and 11.	
40.27	N. 89° 52' W., on random line, bet. secs. 3 and 10 (E. $\frac{1}{2}$ ) Fall 20 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 3 and 10, hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 3 and 10, are, therefore, S. 89° 51' W., 40.27 chs.
Thence,	
40.26	N. 89° 52' W., on random line, bet. secs. 3 and 10 (W. $\frac{1}{2}$ ) Fall 63 lks. N. of the original cor. of secs. 3, 4, 9 and 10, hereinafter described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 3 and 10, are, therefore, S. 89° 14' W., 40.26 chs.
From original cor. of secs. 3, 4, 9 and 10.	
40.24	S. 89° 54' W., on random line, bet. secs. 4 and 9 (E. $\frac{1}{2}$ ) Fall 16 lks. N. of the remains of the original $\frac{1}{4}$ sec. cor. of secs. 4 and 9, hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 4 and 9 are, therefore, S. 89° 40' W., 40.24 chs.
Thence,	
40.27	S. 89° 54' W., on random line, bet. secs. 4 and 9 (W. $\frac{1}{2}$ ) Fall 13 lks. N. of the original cor. of secs. 4, 5, 8 and 9, hereinafter described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 4 and 9, are, therefore, S. 89° 43' W., 40.27 chs.
From original cor. of secs. 4, 5, 8 and 9.	
40.22	N. 89° 57' W., on random line, bet. secs. 5 and 8 (E. $\frac{1}{2}$ ) Fall 57 lks. N. of the remains of the original $\frac{1}{4}$ sec. cor. of secs. 5 and 8, hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 5 and 8 are, therefore, S. 89° 31' W., 40.22 chs.
Thence,	
40.27	N. 89° 57' W., on random line, bet. secs. 5 and 8 (W. $\frac{1}{2}$ ) Fall 34 lks. N. of the original cor. of secs. 5, 6, 7 and 8, hereinafter described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 5 and 8, are, therefore, S. 89° 34' W., 40.27 chs.
From original cor. of secs. 5, 6, 7 and 8.	
40.26	S. 89° 53' W., on random line, bet. secs. 6 and 7 (E. $\frac{1}{2}$ ) Fall 21 lks. N. of the original $\frac{1}{4}$ sec. cor. of secs. 6 and 7, hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 6 and 7 are, therefore, N. 89° 35' E., 40.26 chs.
Thence,	
40.23	S. 89° 53' W., on random line, bet. secs. 6 and 7 (W. $\frac{1}{2}$ ) Fall 5 lks. S. of the original cor. of secs. 1, 6, 7 and 12 on W. bdy. of Tp., hereinafter described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 6 and 7 are, therefore, N. 89° 57' E., 40.23 chs.

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

(Retracement for Resurvey.)

Chains	From the original cor. of secs. 28, 29, 32 and 33, hereinafter described. North, on random line, bet. secs. 28 and 29.
40.00	Diligent search in this vicinity fails to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 28 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.48	Fall 61 lks. E. of the original cor. of secs. 20, 21, 28 and 29, hereinafter described. True course and length of line bet. secs. 28 and 29 are, therefore, N. $0^{\circ} 26' W.$ , 80.48 chs.
40.38	From the original cor. of secs. 28, 29, 32 and 33. N. $89^{\circ} 56' W.$ , on random line, bet. secs. 29 and 32 (E. $\frac{1}{2}$ ) Fall 132 lks. N. of the point of original location of the $\frac{1}{4}$ sec. cor. of secs. 29 and 32, determined as hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 29 and 32 are, therefore, S. $88^{\circ} 20' W.$ , 40.40 chs. Thence, N. $89^{\circ} 56' W.$ , on random line, bet. secs. 29 and 32 (W. $\frac{1}{2}$ )
40.07	Fall 105 lks. N. of the original cor. of secs. 29, 30, 31 and 32, hereinafter described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 29 and 32 are, therefore, S. $88^{\circ} 34' W.$ , 40.08 chs.
40.33	From original cor. of secs. 29, 30, 31 and 32. S. $89^{\circ} 54' W.$ , on true line, bet. secs. 30 and 31 (E. $\frac{1}{2}$ ) Fall 56 lks. S. of the remains of the original $\frac{1}{4}$ sec. cor. of secs. 30 and 31, hereinafter described. True course and length of E. $\frac{1}{2}$ of line bet. secs. 30 and 31 are, therefore, S. $89^{\circ} 35' E.$ , 40.33 chs. Thence, S. $89^{\circ} 54' W.$ , on random line, bet. secs. 30 and 31 (W. $\frac{1}{2}$ )
40.35	Fall 2 lks. N. of the original cor. of secs. 25, 30, 31 and 36 on W. bdy. of Tp., hereinbefore described. True course and length of W. $\frac{1}{2}$ of line bet. secs. 30 and 31 are, therefore, N. $89^{\circ} 52' E.$ , 40.35 chs.
40.00	From the original cor. of secs. 20, 21, 28 and 29. West, on random line, bet. secs. 20 and 29. 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.
80.40	Fall 189 lks. N. of the original cor. of secs. 19, 20, 29 and 30, hereinafter described. True course and length of line bet. secs. 20 and 29 are, therefore, S. $88^{\circ} 39' W.$ , 80.42 chs.
40.00	From the original cor. of secs. 19, 20, 29 and 30. North, on random line, bet. secs. 19 and 20. 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.
80.46	Fall 110 lks. E. of the original cor. of secs. 17, 18, 19 and 20, hereinafter described. True course and length of line bet. secs. 19 and 20, are, therefore, N. $0^{\circ} 4' W.$ , 80.46 chs.

BOOK 100

Dependent Resurvey of Part of the Subdivision Lines  
T. 13 N., R. 21 E.  
(Retracement for Resurvey, Cont'd.)

Chains From original cor. of secs. 17, 18, 19 and 20.  
N. 89° 55' W., on random line, bet. secs. 18 and 19.

40.00 Diligent search in this vicinity fails to reveal any trace of the original 1/4 sec. cor.  
Set temp. 1/4 sec. cor.

80.80 Fall 28 lks. N. of the original cor. of secs. 13, 18, 19 and 24 on W. bdy. of Tp., hereinbefore described.  
True course and length of line bet. secs. 18 and 19, are therefore, N. 89° 53' E., 80.80 chs.

RESURVEY.

The original 1/4 sec. cor. of secs. 11 and 12 is a mound of earth, alongside of which is found the old cor. monument, a cedar post 3 ft. long, 3 ins. square, marked "1/4 S" on one face. No trace of pits described in record. Reset old post in center of mound and dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.

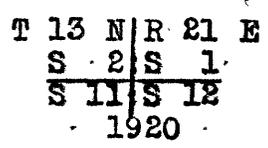
Thence,  
N. 0° 53' W., on true line, bet. secs. 11 and 12 (N. 1/2)  
Over rolling land, thru scattering small timber and undergrowth. Asc. gradually over S. slope.

23.00 Spur slopes W. Desc. gradually over NW. slope.

25.00 Old road bears NE. and SW.

37.67 Intersect the point of original location of the cor. of secs. 1, 2, 11 and 12, determined by reference to the two original bearing trees. No other traces of the cor. remain.

At this point, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 1, 2, 11 and 12, mkd. on brass cap:



The original bearing trees are described as follows:  
A cedar, 10 ins. in diam., N. 10° W., 93 lks. dist., mkd. "TXIIIN R XXIE SII BT."  
A cedar, 10 ins. in diam., S. 89° E., 37 lks. dist., mkd. "TXIIIN RXXIE SXIIBT."

In addition to bearing trees:  
Dig pits, 18 x 18 x 12 ins., NE., SE., SW., and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, sandy and gravelly, 3rd rate.  
Timber, scattering small timber.  
Undergrowth, scattering scrub cedar and sagebrush.

The original 1/4 sec. cor. of secs. 1 and 12 is a cedar post, 3 ins. in diam., mkd. "1/4 S" on N. face, projecting 2 ft. above ground, firmly set, and witnessed by two bearing trees as follows:  
A cedar, 10 ins. in diam., N. 50° E., 39 lks. dist., mkd. "1/4 SBT."  
A cedar, 9 ins. in diam., S. 16° E., 60 lks. dist., mkd. "1/4 S. BT".

Add the sec. numbers to the markings on these trees.  
Thence,  
N. 89° 14' W., on true line, bet. secs. 1 and 12 (W. 1/2)  
Over rolling land, thru scattering timber and undergrowth. Asc. gradually over NE. slope.

16.25 Ridge, bears NW. and SE. Desc. gradually over W. slope.

## Dependent Resurvey of Part of the Subdivision Lines of

18

T. 13 N., R. 21 E.

Chains  
40.28

Intersect the reestablished cor. of secs. 1, 2, 11 and 12.  
Land, rolling.  
Soil, sandy and stony 3rd rate.  
Timber, scattering cedar.  
Undergrowth, scattering scrub cedar and sagebrush.

The original  $\frac{1}{4}$  sec. cor. of secs. 1 and 2 is a cedar post, 3 ins. in diam., marked " $\frac{1}{4}$  S" on W. face, projecting 2 ft. above ground, and firmly set in a mound of stone. No trace of the original bearing trees, and no suitable trees within limits to establish as new bearing trees.

Thence,

S.  $0^{\circ} 40'$  E., on true line, bet. secs. 1 and 2 (S.  $\frac{1}{2}$ ).  
Over rolling land, thru scattering timber and dense undergrowth. Asc. gradually over NE. slope.

10.20 Ridge, bears NW. and SE. Desc. gradually over SW. and W. slopes.

37.70 Old road, bears NE. and SW.

40.20 Intersect the reestablished cor. of secs. 1, 2, 11 and 12.

Land, rolling.

Soil, sandy and stony, 3rd and 4th rate.

Timber, scattering cedar.

Undergrowth, dense scrub cedar and sage brush.

N.  $89^{\circ} 02'$  W., on true line, bet. secs. 2 and 11.  
Over rolling land, thru scattering timber and dense undergrowth. Desc. gradually over SW. slope.

.95 Old road, bears NE. and S.

9.25 Center of the Apache Ry. track on curve from NW. to SW., in draw course S. Asc. gradually over E. slope.

25.00 Low ridge bears NW. and SE. Desc. gradually over SW. slope to

40.26 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 2 and 11, marked on brass cap:

$$\frac{1}{4} \begin{array}{c} S 2 \\ S 11 \\ 1920 \end{array}$$

A cedar, 8 ins. in diam., bears N.  $20\frac{3}{4}^{\circ}$  E., 35 lks. dist., mark " $\frac{1}{4}$  S 2 BT".

A cedar, 10 ins. in diam., bears S.  $21\frac{3}{4}^{\circ}$  W., 116 lks. dist., mark " $\frac{1}{4}$  S 11 BT".

Continue over rolling land, thru scattering timber and dense undergrowth.

Along S. slope with little change in elevation.

80.46 Old road bears NE. and SW.

80.52 Intersect the point of original location of the cor. of secs. 2, 3, 10 and 11, determined by reference to one of the original bearing trees. There is no trace of the other bearing tree or the pits and mound described in record as accessory to this cor.

At cor. point, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 2, 3, 10 and 11, mkd. on brass cap:

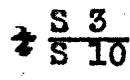
$$\begin{array}{c|c} T 13 N & R 21 E. \\ \hline S 3 & S 2 \\ \hline S 10 & S 11 \\ 1920 & \end{array}$$

Dependent Resurvey of Part of the Subdivision Lines of

T. 13 N., R. 21 E.

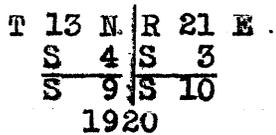
Chains The original bearing tree is described as follows:  
 A cedar, 16 ins. in diam. S. 50° E., 120 lks. dist.,  
 marked "TXIIIN RXXIE XI BT."  
 No other tree within limits.  
 Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
 Land rolling.  
 Soil, sandy and stony, 3rd rate.  
 Timber, scattering cedar.  
 Undergrowth, dense scrub cedar and sagebrush.

S. 89° 51' W., on true line, bet. secs. 3 and 10 (E.½)  
 Over rolling land, thru scattering timber and dense under-  
 growth.  
 Along S. slope with little change in elevation.  
 3.50 Telephone line from Snowflake to Woodruff, bears N. and S.  
 10.78 Dim road, bears NE. and SW.  
 40.27 Intersect the original ¼ sec. cor. of secs. 3 and 10,  
 which is a cedar post 3 ins. sq., projecting 14 ins.  
 above ground, firmly set, greatly decayed, marked "¼ S"  
 on E. face. No accessories.  
 Alongside of the old post set an iron post 3 ft. long, 1  
 in. in diam. 26 ins. in the ground for reestablished  
 ¼ sec. cor. of secs. 3 and 10, marked on brass cap



A cedar, 6 ins. in diam. bears N. 45½° W. 61 lks.  
 dist., mark "¼ S 3 BT".  
 A cedar 4 ins. in diam., bears S. 4½° E., 342 lks.  
 dist., mark "¼ S 10 BT."

Thence,  
 S. 89° 14' W., on true line, bet. secs. 3 and 10 (W.½)  
 Over gently rolling land thru scattering timber and  
 dense undergrowth.  
 Along S. slope with little change in elevation.  
 .11 Apache telegraph line bears N. 9° E., and S. 9° W.  
 16.50 Road from Fort Apache to Holbrook, Arizona, bears N. 4°  
 W., and S. 4° E.  
 22.00 Road from Snowflake, Arizona, to "Dry Lake", bears NW.  
 and SE.  
 37.66 Head of wash 8 lks. wide, banks 4 ft. high, course SW.  
 39.40 Telegraph line from Fort Apache to Holbrook, Arizona,  
 bears N. 8° E., and S. 8° W.  
 39.85 Wire fence bears N. and S.  
 40.26 Intersect the original cor. of secs. 3, 4, 9 and 10,  
 which is a cedar post 3½ ins. sq., 2½ ft. long,  
 loosely set in a mound of stone, marked "TXIIIN, III"  
 on NE. face, RXXIE, X" on SE. face, "IV" on NW. face,  
 with 3 notches on E. edge and 5 notches on S. edge.  
 Alongside of the old post, supported by the old mound of  
 stone 4 ft. base, 2 ft. high, set an iron post, 3 ft.  
 long, 2 ins. in diam. 12 ins. in the ground over  
 cross (X) on bed rock for reestablished cor. of secs.  
 3, 4, 9 and 10, marked on brass cap:



Raise a mound of stone 2 ft. base, 1½ ft. high W. of  
 cor.  
 Land, rolling.  
 Soil, sandy and stone, 2nd and 3rd rate.  
 Timber, scattering cedar.  
 Undergrowth, dense scrub cedar and sagebrush.

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

- Chains S. 89° 40' W., on true line, bet. secs. 4 and 9. Over gently rolling land thru scattering timber and dense undergrowth.  
Along S. slope with little change in elevation.
- 3.10 Wash 6 lks. wide, 3 ft. deep, course SE.  
18.70 Wash, 8 lks. wide, 3 ft. deep, course SE. Asc. slightly over NE. slope to  
25.00 Point of low spur slopes NE. Desc. slightly over NW. slope to  
26.30 Same wash 6 lks. wide, 3 ft. deep, course NE. Asc. very gradually over SE. slope.  
40.24 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, which is a mound of earth midway between remains of two pits, one each E. and W. of center of mound 3 ft. dist.  
The old cor. monument, a cedar post, 3 ins. square, 2 ft. long, marked " $\frac{1}{4}$  S" on one face is lying on the ground alongside the mound. Destroy the mound, reset the old post 12 ins. in the ground and alongside same set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, marked on brass cap:

$$\frac{1}{4} \begin{array}{c} S \ 4 \\ S \ 9 \end{array}$$

1920

- A cedar 8 ins. in diam. bears S. 24 $\frac{1}{2}$ ° W., 257 lks. dist., mark " $\frac{1}{4}$  S 9 BT". No other trees available.  
Dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. Thence,  
S. 89° 43' W. on true line, bet. secs. 4 and 9 (W.  $\frac{1}{4}$ )  
Over gently rolling land thru scattering timber and dense undergrowth.
- 20.00 Leave rolling land, timber and undergrowth bears NE. and SW., and enter level open grassy land.  
40.27 Intersect the original cor. of secs. 4, 5, 8 and 9, which is a cedar post, 4 ins. sq., projecting 14 ins. above ground, firmly set marked "IV" on NE. face, "TXIIIN, RXXIE, IX" on SE. face, "SVIII" on SW. face and "SV" on NW. face, 4 notches on E. edge and 5 notches on S. edge.  
Alongside of the old post, set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 4, 5, 8 and 9, marked on brass cap:

T 13 N	R 21 E
S 5	S 4
S 8	S 9

1920

- Dig pits 18 x 18 x 12 ins. NE., SE., and NW., of post, 3 ft. dist.  
Land, rolling and level.  
Soil, sandy and stony, 2nd and 3rd rate.  
Timber, scattering cedar in E. 60. chs. No timber in W. 20 chs.  
Undergrowth, dense scrub cedar and sagebrush, in E. 60 chs., and  
Good grass in W. 20 chs.

- S. 89° 31' W. on true line, bet. secs. 5 and 8 (E.  $\frac{1}{2}$ )  
Over level open grassy land.
- 15.00 Leave level land bears NW. and SE. Desc. gradually over SW. slope  
25.00 Foot of descent, bears NW. and SE. Thence over flat, thru scattering timber and undergrowth.

BOOK 1110

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

Chains

40.22 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 5 and 8, which is a mound of earth, midway between faint traces of pits E. and W.  
The old cor. monument, a cedar post, 4 ins. square, 2 ft. long is lying on the ground alongside the md.  
Destroy the old mound and in center of its position reset old cedar post, 12 ins. in ground and alongside same set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 5 and 8, marked on brass cap:

$$\frac{1}{4} \frac{S \ 5}{S \ 8}$$

1920

A cedar 6 ins. in diam. bears N.  $44\frac{1}{2}^\circ$  W. 170 lks. dist., mark " $\frac{1}{4}$  S 5 BT".  
A cedar 8 ins. in diam. bears S.  $17\frac{1}{2}^\circ$  E. 260 lks. dist., mark " $\frac{1}{4}$  S 8 BT".

Thence,  
S.  $89^\circ 34'$  W. on true line, bet. secs. 5 and 8 ( $W.\frac{1}{2}$ ).  
Over flat, thru scattering timber and undergrowth.

30.00 Head of draw, course SE. Leave flat, bears NW. and SE., and enter rolling land. Asc. gradually over NE. slope.

40.27 Intersect the original cor. of secs. 5, 6, 7 and 8, which is a cedar post,  $3\frac{1}{2}$  ins. sq., projecting 14 ins. above ground, firmly set, marked "TXIIN, RXXIE, SV" on NE. face, "SVIII" on SE. face, 5 notches on each of E. and S. edges; other marking rendered illegible by decay. No accessories.

Alongside of the old post, set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 5, 6, 7 and 8, marked on brass cap:

T 13 N	R 21 E
S 6	S 5
S 7	S 8

1920

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

Soil, dry, sandy loam, 6 to 10 ins. deep on clay and stone subsoil.

Timber, scattering cedar.

Undergrowth, scattering scrub cedar and sage brush.

Good grass.

From reestablished cor. of secs. 1, 6, 7 and 12 on W. bdy. of Tp., hereinbefore described.

N.  $89^\circ 57'$  E. on true line, bet. secs. 6 and 7 ( $W.\frac{1}{2}$ )  
Over gently rolling land, through scattering timber and undergrowth.

40.23 Intersect the original  $\frac{1}{4}$  sec. cor., which is a cedar post 4 ins. sq., projecting 14 ins. above ground, firmly set, marked " $\frac{1}{4}$  S" on n. face. Post is midway between faint traces of two pits, one each E. and W. of post 3 ft. dist.

Alongside of old post, set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 6 and 7, marked on brass cap:

$$\frac{1}{4} \frac{S \ 6}{S \ 7}$$

1920

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

Chains A cedar, 6 ins. in diam. bears N. 35° W. 208 lks.  
dist., mark "¼ S 6 BT."  
A cedar, 7 ins. in diam. bears S. 41° W., 448 lks.  
dist., mark "¼ S 7 BT."

Thence,  
N. 89° 35' E., on true line bet. secs. 6 and 7 (E. ½)  
Over gently rolling land, thru scattering timber and  
undergrowth.  
Desc. gradually over SE. slope.

10.16 Wash, 8 lks. wide, 2 ft. deep, course S. Asc. very  
gradually over SW. slope.

28.46 Top of ascent bears NW. and SE. Desc. very gradually  
over E. slope.

39.71 Wire fence, bears N. and S.

40.26 Intersect the reestablished cor. of secs. 5, 6, 7 and 8.  
Land, gently rolling.  
Soil, sandy and gravelly, 3rd rate.  
Timber, scattering cedar.  
Undergrowth, scattering scrub cedar and sagebrush.

The original cor. of secs. 28, 29, 32 and 33 is a cedar  
post, 5 ins. square, projecting 14 ins. above ground,  
firmly set, marked "XXVII" on NE. face, "TXIIIN RXXIE  
SXXXIII" on SE. face, "SXXXII" on SW. face, "SXXIX"  
on NW. face, 4 notches on E. edge, and 1 notch on S.  
edge and witnessed by two bearing trees as follows:  
A cedar, 12 ins. in diam., S. 7½° E., 22 lks. dist.  
mkd. "TXIIIN RXXIE SXXXIII BT."  
A cedar, 12 ins. in diam., S. 75½° W., 28 lks. dist.,  
mkd. "TXIIIN RXXIE SXXXII BT."

Alongside old post, set an iron post, 3 ft. long, 2 ins.  
in diam., 24 ins. in the ground, for reestablished  
cor. of secs. 28, 29, 32 and 33, marked on brass  
cap:

T 13 N	R 21 E
S 29	S 28
S 32	S 33
1921	

In addition to the original bearing trees:  
Raise a mound of stone, 2 ft. base, 1½ ft. high W. of  
cor.

Thence,  
N. 0° 26' W., on true line, bet. secs. 28 and 29.  
Over rolling land, thru scattering timber and dense  
undergrowth. Asc. 18 ft. over S. slope.

3.31 Low ridge bears N. 70° E. and S. 70° W. Desc. 126 ft.  
over N. slope to

40.24 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam.  
26 ins. in the ground for reestablished ¼ sec. cor.  
of secs. 28 and 29, mkd. on brass cap:

S 29	S 28
1921	

A cedar, 30 ins. in diam., bears N. 15½° E., 30 lks.  
dist., mark "¼ S 28 BT."  
A cedar, 10 ins. in diam., bears S. 12° W., 220 lks.  
dist., mark "¼ S 29 BT."

Desc. very gradually over N. slope.

47.08 Wash, 20 lks. wide, 2½ ft. deep, course E. Asc. gradu-  
ally over S. slope.

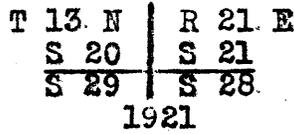
54.08 Road bears E. and W.

80.48 Intersect the original cor. of secs. 20, 21, 28 and 29,  
which is a cedar post, 3 ins. square, marks nearly  
obliterated by decay, projecting 2 ft. above ground,

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

Chains

firmly set in mound of earth and stone.  
Destroy old mound and in center of its position, reset the old post and alongside same, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 20, 21, 28 and 29, mkd. on brass cap:



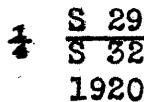
- A cedar, 6 ins. in diam., bears N. 63½° E., 130 lks. dist., mark "T 13 N R 21 E S 21 BT."
- A cedar, 6 ins. in diam., bears S. 14½° E., 81 lks. dist., mark "T 13 N R 21 E S 28 BT."
- A cedar, 7 ins. in diam., bears S. 68° W., 105 lks. dist., mark "T 13 N R 21 E S 29 BT."
- A cedar, 5 ins. in diam., bears N. 39½° W., 148 lks. dist., mark "T 13 N R 21 E S 20 BT."

Land, rolling.  
Soil, sandy and stony, 2nd and 3rd rate.  
Timber, scattering cedar.  
Undergrowth, dense scrub cedar and sagebrush.

From the reestablished cor. of secs. 28, 29, 32 and 33. S. 88° 20' W. on true line, bet. secs. 29 and 32 (E. ½). Over rolling land thru scattering timber and dense undergrowth. Asc. gradually over SE. slope.

4.80 Low ridge bears N. and S. Desc. gradually over W. slope.  
23.48 Wash 10 lks. wide, course N. Asc. gradually over E. slope.

40.40 Intersect the point of original location of the ¼ sec. cor. determined by reference to the two original bearing trees, at which point set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished ¼ sec. cor. of secs. 29 and 32, marked on brass cap:



The original bearing trees are described as follows:

- A cedar 8 ins. in diam., N. 40° E. 29 lks. dist., marked "¼ S 29 BT."
- A cedar 10 ins. in diam., S. 30° E., 34 lks. dist., marked "¼ S 32 BT."

Thence, S. 88° 34' W., on true line bet. secs. 29 and 32 (W. ½) Over rolling land, thru scattering timber and dense undergrowth. Asc. gradually over E. slope.

8.10 Low ridge, bears N. and S. Desc. gradually over W. slope  
25.10 Foot of descent, bears NE. and SW. Leave rolling land and timber and undergrowth and enter level grassy land.

26.68 Old road bears NW. and SE.

31.03 Old road bears N. and S.

37.58 Old road, bears NE. and SW.

40.08 Intersect the original cor. of secs. 29, 30, 31 and 32, which is a cedar post 4 ins. sq., projecting 14 ins. above ground firmly set, marked "TXIIIN, RXXIE, SXXXII" on SE. face, "XXXI" on SW. face, "XXIX" on NW. face, 5 notches on E. edge, and 1 notch on S. edge. The bearing tree described in the record has been destroyed.

Alongside the old post, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 29, 30, 31 and 32, marked on brass cap:

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

Chains

T 13 N	R 21 E
S 30	S 29
S 31	S 32

1920

- A cedar 8 ins. in diam. bears N.  $21\frac{1}{2}^{\circ}$  E. 180 lks.  
dist., mark "T 13 N R 21 E S 29 BT."  
A cedar, 12 ins. in diam. bears S.  $34\frac{1}{2}^{\circ}$  E. 111 lks.  
dist., mark "T 13 N R 21 E S 32 BT."  
A cedar, 14 ins. in diam. bears S.  $28\frac{1}{2}^{\circ}$  W. 190 lks.  
dist., mark "T 13 N R 21 E S 31 BT."  
A cedar, 8 ins. in diam. bears N.  $41^{\circ}$  W. 211 lks.  
dist., mark "T 13 N R 21 E S 30 BT."

Land, rolling and level.

Soil, sandy and stony clay loam, 2nd and 3rd rate.

Timber, scattering cedar in E. 65. chs. only.

Undergrowth, dense scrub cedar and sagebrush E. 65. chs. only.

Good grass in W. 15 chs.

From reestablished cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp., hereinbefore described.  
N.  $89^{\circ} 52'$  E., on true line, bet. secs. 30 and 31 (W.  $\frac{1}{2}$ ).  
Over rolling land, along S. slope with little change in elevation, timber, and undergrowth.

- 40.35 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 30 and 31, which is a mound of earth midway bet. two pits, one each E. and W. of cor. 3 ft. dist. The old cor. monument, a cedar post,  $2\frac{1}{2}$  ins. square,  $2\frac{1}{2}$  ft. long, marked " $\frac{1}{4}$  S" is lying on the ground alongside. The two bearing trees, described as cor. accessories in the record, can not be found.  
Destroy old mound and in center of its position reset old post 20 ins. in ground and alongside same set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 30 and 31, marked on brass cap:

$\frac{1}{4}$ S 30	
$\frac{1}{4}$ S 31	

1920

A cedar 36 ins. in diam. bears N.  $51\frac{1}{2}^{\circ}$  W. 65 lks. dist.,  
marks " $\frac{1}{4}$  S 30 BT."

A cedar 10 ins. in diam. bears S.  $28\frac{3}{4}^{\circ}$  E. 85 lks. dist.,  
marks " $\frac{1}{4}$  S 31 BT."

Thence,

S.  $89^{\circ} 35'$  E., on true line, bet. secs. 30 and 31 (E.  $\frac{1}{2}$ ).

Over rolling land, thru scattering timber and undergrowth.  
Desc. gradually over SE. slope.

- 20.00 Foot of descent bears N. and S. Leave rolling land, timber and undergrowth and enter level grassy land.  
40.33 Intersect the reestablished cor. of secs. 29, 30, 31 and 32, hereinbefore described.  
Land, level and rolling.  
Soil, sandy 2nd and 3rd rate.  
Timber, scattering cedar in W. 60 chs. only.  
Undergrowth, scattering scrub cedar and sagebrush in W. 60 chs. only.  
Good grass in E. 20. chs.

From reestablished cor. of secs. 20, 21, 28 & 29, hereinbefore described.

S.  $88^{\circ} 39'$  W. on true line, bet. secs. 20 and 29.

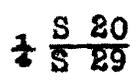
Over rolling land, along S. slope with little change in elevation, thru scattering timber and dense undergrowth.

BOOK 333

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

Chains  
40.21

(Midpoint) Set an iron post 3 ft. long, 1 in. in diam.  
26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of  
secs. 20 and 29, marked on brass cap:



A cedar 14 ins. in diam. bears N.  $16\frac{3}{4}^{\circ}$  E. 64 lks. dist.  
mark " $\frac{1}{4}$  S 20 BT".

A cedar 12 ins. in diam. bears S.  $24^{\circ}$  E. 56 lks. dist.,  
mark " $\frac{1}{4}$  S 29 BT".

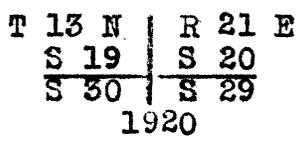
Asc. gradually over SE. slope.

60.00 Sandy spur slopes S. Desc. gradually over W. slope

68.10 Draw 50 lks. wide, course S. Ascend gradually over E.  
slope.

80.42 Intersect the original cor. of secs. 19, 20, 29 and 30,  
which is a cedar post, 4 ins. sq. projecting 14 ins.  
above ground, firmly set, marked "XX" on NE. face,  
"TXIIIN, RXXIE, XXIX" on SE. face, "XXX" on SW. face,  
"XIX" on NW. face, with 5 notches on E. edge and 2  
notches on S. edge. The stump of a cedar tree, 8  
ins. in diam., agrees with the record bearing and  
dist. to the original bearing tree.

Alongside the old post, set an iron post 3 ft. long, 2  
ins. in diam. 24 ins. in the ground for reestablished  
cor. of secs. 19, 20, 29 and 30, marked on brass cap:



A cedar, 5 ins. in diam. bears N.  $54^{\circ}$  E. 383 lks.  
dist., mark "T 13 N R 21 E S 20 BT".

A cedar 12 ins. in diam. bears S.  $42\frac{1}{4}^{\circ}$  E. 515 lks.  
dist., mark "T 13 N R 21 E S 29 BT."

A cedar, 6 ins. in diam. bears S.  $33\frac{1}{2}^{\circ}$  W. 27 lks.  
dist., mark "T 13 N R 21 E S 30 BT."

A cedar, 12 ins. in diam. bears N.  $10\frac{3}{4}^{\circ}$  W. 174 lks.  
dist., mark "T 13 N R 21 E S 19 BT."

Land, rolling.

Soil, sandy, 2nd and 3rd rate.

Timber, scattering cedar.

Undergrowth, dense scrub cedar and sagebrush.

N.  $0^{\circ}$   $4'$  W. on true line bet. secs. 19 and 20.

Over rolling land, thru scattering timber and undergrowth.  
Asc. gradually over S. slope.

38.00 Ridge, bears N.  $80^{\circ}$  W., and S.  $80^{\circ}$  E. Desc. gradually  
over N. slope.

40.23 (Midpoint) Set an iron post 3 ft. long, 1 in. in diam.  
26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor.  
of secs. 19 and 20, marked on brass cap:



A cedar 20 ins. in diam., bears S.  $67\frac{1}{2}^{\circ}$  E. 109 lks.  
dist., mark " $\frac{1}{4}$  S 20 BT."

A cedar 12 ins. in diam. bears S.  $73\frac{3}{4}^{\circ}$  W., 48 lks.  
dist., mark " $\frac{1}{4}$  S 19 BT." Desc. gradually over  
N. slope.

65.00 Foot of descent, bears E. & W. Leave rolling land,  
timber and undergrowth, and enter level grassy land.

Dependent Resurvey of Part of the Subdivision Lines of  
T. 13 N., R. 21

26

Chains

80.46 Intersect the point of original location of the cor. of secs. 17, 18, 19 and 20, now marked by a sandstone firmly set in ground alongside cor. of wire fence from which fence extends N. and W. No trace of accessories. This stone is accepted as marking the cor. on the testimony of nearby settlers.

Alongside the old stone and corner post of fence, set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for reestablished cor. of secs. 17, 18, 19 and 20, marked on brass cap:

T 13 N	R 21 E
S 18	S 17
S 19	S 20

1921.

from which

A cedar, 4 ins. in diam. bears N.  $77\frac{1}{2}^{\circ}$  W. 236 lks. dist., mark "T13N R 21 E S18 BT."

A cedar, 5 ins. in diam. bears S.  $59^{\circ}$  W. 236 lks. dist., mark "T 13 N R 21 E S 19 BT." No other trees available.

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

Marian Flake's house bears N.  $43^{\circ}$  W. 3.00 chs. dist.

Lorenzo Roger's house bears S.  $43^{\circ}$  E. 5.00 chs. dist. Land, rolling and level.

Soil, sandy and stony, 2nd and 3rd rate.

Timber, scattering cedar in S. 65. chs. only.

Undergrowth, scattering scrub cedar and sage brush in S. 65 chs.

Good grass in N. 15 chs.

18

From reestablished cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp. hereinbefore described.

N.  $89^{\circ} 53'$  E. on true line bet. secs. 18 and 19.

Over rolling land, thru scattering timber and undergrowth along S. side of wire fence nearly parallel to line.

Asc. gradually over SW. slope.

13.60 Point of low spur slopes S. Desc. gradually over E. slope.

20.80 Foot of descent bears NE. and SW. Leave rolling land, timber and undergrowth and enter level grassy land.

34.80 Wash 10 lks. wide,  $2\frac{1}{2}$  ft. deep, course NE.

37.10 Wash 15 lks. wide, 2 ft. deep, course NE.

40.35 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam. 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of secs. 18 and 19, marked on brass cap:

$\frac{1}{4}$ S 18	
S 19	

1921

Dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist. Continue along S. side of wire fence over level grassy land

80.80 Intersect the reestablished cor. of secs. 17, 18, 19 and 20.

Land, rolling in W. 21. chs., remainder level.

Soil, sandy, 2nd and 3rd rate.

Timber, scattering cedar in W. 21 chs.

Undergrowth, scattering scrub cedar and sage brush in W. 21 chs.

Good grass in E. 60. chs.

Retracement of Part of the Subdivision Lines of  
T. 13 N., R. 21 E.

27

Chains The original cor. of secs. 11, 12, 13 and 14, is a cedar post, 4 ins. square, projecting 3 ft. above ground, firmly set in a md. of stone marked "XII" on NE. face, "XIII" on SE. face, "XIV" on SW. face, "XI" on NW. face, 1 notch on E. edge and 4 notches on S. edge. No bearing trees.

Thence,

N.  $0^{\circ} 29'$  E., on true line, bet. secs. 11 and 12 ( $S. \frac{1}{2}$ ).  
Over rolling and broken land, thru scattering timber and undergrowth. Desc. 40 ft. over NW. slope.

5.00 Silver Creek, 25 lks. wide, course NE. in bottom of canyon bears NE. and SW.

Asc. 125 ft. over broken SE. slope.

11.91 W. rim of Silver Creek Canyon, bears NE. and SW. Leave canyon. Desc. gradually over E. slope.

36.39 Gulch, course SE. Asc. gradually over S. slope.

41.90 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 11 and 12, hereinbefore described.

Land, rolling and broken.

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

Timber, scattering cedar.

Undergrowth, scattering scrub cedar and sage brush.

From the original cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp. hereinbefore described.

S.  $0^{\circ} 36'$  E., on true line, bet. secs. 1 and 2 ( $N. \frac{1}{2}$ ).

Over rolling land, thru scattering timber and undergrowth.

Asc. gradually over N. slope.

15.25 Top of ascent, bears E. and W. Thence over level mesa.

40.26 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, hereinbefore described.

Land, rolling and level.

Soil, sandy and gravelly, 3rd rate.

Timber, scattering cedar.

Undergrowth, scattering scrub cedar and sage brush.

## Boundaries of secs. 2, 3, 4, 5, and 6, T. 13 N., R. 21 E.

## Latitudes, Departures and Closing Errors

Line Designated	True bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
Subdivisional Bdy.	S. 0°36' E	40.26		40.26	.42	
	S. 0°40' E	40.20		40.20	.47	
	N.89°02' W	80.52	1.35			80.51
	S.89°51' W	40.27		.11		40.27
	S.89°14' W	40.26		.54		40.26
	S.89°40' W	40.24		.24		40.24
	S 89°43' W	40.27		.20		40.27
	S 89°31' W	40.22		.34		40.22
	S 89°34' W	40.27		.30		40.27
	S 89°35' W	40.26		.29		40.26
S 89°57' W	40.23		.04		40.23	
West Bdy. of Township.	N 0°07' W	40.23	40.23			.08
	N 0°17' W	40.10	40.10			.20
N. bdy. of Tp.	N 89°33' E	40.24	.32		40.24	
	N 89°54' E	40.37	.07		40.37	
	N 89°56' E	40.34	.05		40.34	
	S 89°56' E	40.29		.05	40.29	
	S 89°58' E	40.34		.02	40.34	
	N 89°53' E	40.15	.08		40.15	
	N 89°40' E	80.08	.47		80.08	
	S 89°59' E	40.12		.01	40.12	
East	40.36			40.36		
Convergency					.07	
Totals			82.67	82.60	403.25	402.81
Error in latitude			82.60		402.81	
Error in departure			.07		0.44	

## Boundaries of secs. 19, 29, and 30, T. 13 N., R. 21 E.

## Latitudes, Departures and Closing Errors.

Line Designated	True Bearing	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
Subdivisional Bdy.	S 89°53' E	80.80		.16	80.80	
	S 0°4' E	80.46		80.46	.09	
	N 88°39' E	80.42	1.89		80.40	
	S 0°26' E	80.48		80.48	.61	
	S 88°20' W	40.40		1.17		40.38
	S 88°34' W	40.08		1.00		40.07
	N 89°35' W	40.33	.29			40.33
	S 89° 52' W	40.35		.09		40.35
West Bdy. of Tp.	N 0°19' W	40.22	40.22			.22
	N 0°08' W	40.12	40.12			.09
	N 0°14' W	80.29	80.29			.33
Convergency					.04	
Totals			162.81	163.36	161.94	161.77
Error in latitude			162.81		161.77	
Error in departure			0.55		0.17	

BOOK 1722

Survey of Part (Completion) of the Subdivision  
Lines of T.13 N., R.21 E.

Chains

From the reestablished cor. of secs. 2, 3, 10 and 11,  
North, on a random line bet. secs. 2 and 3.

40.00  
79.26

Set temp.  $\frac{1}{4}$  sec. cor.  
Fall 62 lks. W. of the cor. of secs. 2, 3, 34 and 35 on  
N. bdy. of Tp., hereinbefore described.

Thence  
S.0°25'E., on a true line bet. secs. 2 and 3.  
Over leveling land, thru scattering timber and undergrowth.  
Telephone line from Snowflake to Woodruff, Ariz., bears  
N.9°E., and S.9°W.

31.86

Main line track of the Apache Railway, bears N.81°10'W.  
and S.81°10'E.

37.71

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. of sec. 3, only, marked on  
brass cap

39.26

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

1922

A cedar, 6 ins. in diam., bears N.47°W., 25 lks. dist.  
marked  $\frac{1}{4}$  S 3 B T

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

39.60

(At proportional distance) Set an iron post, 3 ft. long,  
1 in. in diam., 18 ins. in the ground, deposit a stone  
marked with a cross alongside, and raise a mound of  
stone 3 ft. base, 1 ft. high around post, for  $\frac{1}{4}$  sec.  
cor. of sec. 2 only, marked on brass cap

$\frac{1}{4}$  S 2

1922

54.25  
66.75  
79.26

Enter rolling land, bears E. and W. Asc. over N. slope.  
Sand ridge, bears E. and W. Desc. over S. slope.  
The cor. of secs. 2, 3, 10 and 11.

Land; level and rolling.  
Soil; sandy and stony, 3rd. and 4th. rates.  
Timber; scattering cedars.  
Undergrowth; sagebrush.

From the reestablished cor. of secs. 3, 4, 9 and 10,  
North, on a random line bet. secs. 3 and 4.

40.00  
79.36

Set temp.  $\frac{1}{4}$  sec. cor.  
Fall 12 lks. E. of the cor. of secs. 3, 4, 33 and 34 on  
N. bdy. of Tp., hereinbefore described.

Thence  
S.0°05'E., on a true line bet. secs. 3 and 4.  
Over gently rolling land, thru scattering timber and  
undergrowth. Desc. very gradually over E. slope.

23.66

Wash, 5 lks. wide, 3 ft. deep, course NE. Asc. gradually  
over NW. slope.

35.00

Low ridge, bears NE. and SW. Desc. gradually over SE. slope.

39.36

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

S 4 S 3

1920

A cedar, 10 ins. in diam., bears N.65°E. 276 lks. dist.  
marked  $\frac{1}{4}$  S 3 B T

A cedar, 4 ins. in diam., bears N.25°W., 276 lks. dist.  
marked  $\frac{1}{4}$  S 4 B T

Continue gradual descent over SE. slope.

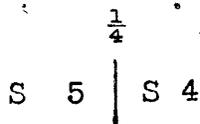
BOOK 3588

Survey of Part (Completion) of the Subdivision.  
Lines of T.13 N., R.21 E.

Chains  
61.74 Old road, bears NW. and SE.  
68.76 Road from Snowflake, Arizona to "Dry Lake", bears N.75°W.  
and S.75°E.  
69.04 Wire fence, bears E. and W. Fence cor., bears E. about  
40 lks. dist., from which fences extend W. and S.  
79.36 Intersect the reestablished cor. of secs. 3, 4, 9 and 10.  
  
Land; gently rolling.  
Soil; sandy and stony, 3rd. and 4th. rates.  
Timber; scattering cedar.  
Undergrowth; scattering cedar and sagebrush.

40.00 From the cor. of secs. 4, 5, 8 and 9,  
79.62 N.0°05'W., on a random line bet. secs. 4 and 5.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Fall 3 lks. W. of the cor. of secs. 4, 5, 32 and 33 on  
N. bdy. of Tp., hereinbefore described.

Thence  
9.60 S.0°04'E., on a true line bet. secs. 4 and 5.  
Over gently rolling land, thru scattering undergrowth,  
along W. side of fence nearly parallel to line.  
Draw, 2 chs. wide, course E. Asc. very gradually over N.  
slope.  
39.62 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in  
the ground over cross (X) on bed rock, supported in a  
mound of stone 4 ft. base,  $1\frac{1}{2}$  ft. high for  $\frac{1}{4}$  sec. cor.  
marked on brass cap



1920

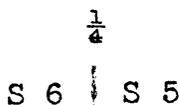
Raise a mound of stone,  
2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Thence over level open grassy land.  
51.12 Road from Snowflake, Arizona to "Dry Lake", bears E. and  
W.  
68.82 Wire fence, bears E. and W. Fence cor., bears E. about  
2 chs. dist., from which fences extend N. and E. and W.  
79.62 The cor. of secs. 4, 5, 8 and 9.

Land; rolling and level.  
Soil; sandy and stony, 3rd. and 4th. rates.  
No timber.  
Undergrowth; scattering sagebrush in N. $\frac{1}{2}$ .  
Good grass.

40.00 From the cor. of secs. 5, 6, 7 and 8,  
80.20 N.0°04'W., on a random line bet. secs. 5 and 6.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Fall 14 lks. E. of the cor. of secs. 5, 6, 31 and 32 on  
N. bdy. of Tp., hereinbefore described.

Thence  
31.40 S.0°10'E., on a true line bet. secs. 5 and 6.  
Over gently rolling land, thru scattering timber and  
undergrowth.  
Road, from Snowflake, Arizona to "Dry Lake", bears N.80°  
W. and S.80°E.  
40.20 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



1920

Survey of Part (Completion) of Subdivision  
Lines of T.13 N., R.21 E.

Chains	
	<p>From which</p> <p>A cedar, 6 ins. in diam., bears N.35°E., 238 lks. dist. marked <math>\frac{1}{4}</math> S 5 B T</p> <p>A cedar, 7 ins. in diam., bears S.41°W., 448 lks. dist. marked <math>\frac{1}{4}</math> S 6 B T</p>
68.68	Wire fence, bears E. and W. Fence cor. bears W. about 50 lks. dist., from which fences extend E. and S.
80.20	The cor. of secs. 5, 6, 7 and 8.
	<p>Land; gently rolling and level.</p> <p>Soil; sandy and stony, 2nd. and 3d. rates.</p> <p>Timber; scattering cedar.</p> <p>Undergrowth; scattering scrub cedar, sagebrush and grease-wood.</p> <p>Good grass.</p>
	<p>From the cor. of secs. 19, 20, 29 and 30, South, on a random line bet. secs. 29 and 30.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.76	Intersect E. and W. line, 43 lks. W. of the cor. of secs. 29, 30, 31 and 32.
	<p>Thence</p> <p>N.0°18'W., on a true line bet. secs. 29 and 30.</p> <p>Over level, open grassy land.</p>
7.16	Old road, bears E. and W.
13.00	Leave level grassy land and enter gently rolling land, scattering timber and undergrowth.
	Desc. gradually over N. slope.
27.25	Draw, 25 lks. wide, course E. Asc. over S. slope.
33.76	Low gravelly spur, slopes E. Desc. gradually over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 30 only, marked on brass cap
	$\frac{1}{4}$ S 30
	1922
	<p>A cedar, 6 ins. in diam., bears N.31°W., 37 lks. dist. marked <math>\frac{1}{4}</math> S 30 B T</p>
40.38	(Mid-point) bet. SW. and NW. cors. of sec. 29) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, with stone marked cross (X) alongside for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 29
	1920
	<p>A cedar, 8 ins. in diam., bears N.61°E., 98 lks. dist. marked <math>\frac{1}{4}</math> S 29 B T</p>
	Desc. gradually over N. slope.
40.75	Draw, 20 lks. wide, course NE. Asc. gradually over SE. slope.
57.20	Top of gravelly hill, bears E. and W. Desc. over N. slope.
68.10	Dry sand wash, 8 lks. wide, course N.80°E. Leave hilly land, bears N.80°E. and S.80°W. Enter level land.
75.50	Leave level land along wash. Asc. S. slope over rolling land.
80.76	Intersect the cor. of secs. 19, 20, 29 and 30.
	<p>Land; level, rolling and hilly.</p> <p>Soil; sandy and gravelly, 2nd. and 3rd. rates.</p> <p>Timber; scattering cedar.</p> <p>Undergrowth; sagebrush.</p>

BOOK 3588

Survey of Part (Completion) of the Subdivision  
Lines of T.13 N., R.21 W.

## Chains

	West, on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.76	Intersect the W. bdy. of Tp., 16 lks. N. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described.
	Thence
	N.89°53'E., on a true line bet. secs. 19 and 30.
	Over slightly rolling land, along N. slope with little change in elevation, thru scattering timber and under- growth.
5.20	Old road, bears N.45°E. and S.45°W.
13.26	Old road, bears NE. and SW.
33.86	Old road, bears N.80°W. and S.80°E. Desc. gradually over NE. slope.
40.76	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
	S 19 $\frac{1}{4}$ --- S 30 1920
	A cedar, 4 ins. in diam., bears N.41°E., 333 lks. dist. marked $\frac{1}{4}$ S 19 B T
	A cedar, 6 ins. in diam., bears S.23 $\frac{3}{4}$ °E., 184 lks. dist. marked $\frac{1}{4}$ S 30 B T
50.00	Foot of descent, bears N.80°W. and S.80°E. Leave rolling and enter level land along wash.
62.87	Wash, 10 lks. wide, 4 ft. deep, course S.60°E. Continue across level bottom land.
68.00	Foot of SW. slope of hill, bears N.60°W. and S.60°E. Leave level bottom land and enter rolling land. Asc. 68 ft. over SW. slope to
72.79	Top of ascent on S. side of hill. Desc. 47 ft. over SE. slope to
80.76	The cor. of secs. 19, 20, 29 and 30.
	Land; rolling, level and hilly. Soil; sandy and stony, 2nd. to 4th. rates. Timber; scattering cedar. Undergrowth; scattering scrub cedar and sagebrush, Godd grass.

GENERAL DESCRIPTION

The land embraced within the surveys described in the foregoing field notes is for the most part rolling, with some level land along the north boundary of the township in secs. 4 and 5 and in the vicinity of the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 30. The land is highest along the north boundary and slopes in a general southeasterly direction towards Silver Creek which is the main source of drainage of the entire township. The soil with the exception of perhaps 320 acres in secs. 19 and 30 is a dry sandy and stony clay loam of shallow depth and underlaid with either a tough clay or stony subsoil which is almost impervious to water. In secs. 19 and 30 however is a small valley with an area of approximately 320 acres, the soil of which is a sandy loam from 12 to 18 ins. in depth which can be classed as 1st. and 2nd. rate and would produce fair crops under favorable climatic conditions. The greater portion of the township is covered with a good growth of bunch grass and sage brush, which gives the land its greatest value as grazing land.

The land is timbered with a scattering growth of scrub cedar timber of the species known as *Juniperus Occidentalis* which is very common over the arid regions of the West, the trees being too small to have any commercial value except for fencing and fuel purposes.

There are no mineral deposits in this township on the lands described in the foregoing field notes and no living water.

There are no settlers residing on the land at the present time.

---



36  
BOOK 3538

## CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

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 93, Arizona, bearing date of the 28th day of September, 1918, 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, <sup>re-</sup>surveyed all those parts or portions of the North and West boundaries, and resurveyed, retraced, and surveyed all those parts or portions of the Subdivision lines of

Township 13 North, Range 21 East,

of the Gila and Salt River

Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 2 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of resurvey, retracement 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 93, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of resurvey, retracement, and such survey.

Phoenix, Arizona,

Date October 21, 1921,

*Sidney E. Blout*  
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, Nov. 15, 1921.

The foregoing field notes of the <sup>re-</sup>survey of part of the North and West boundaries, and of the resurvey, retracement, and survey of part (completion) of the Subdivision lines of Township 13 North, Range 21 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 September 28, 1918 for Group 93, Arizona having been resurveys, retracements, and critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank P. 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.