

3579

81  
0.115  
1

Book "B"  
4-679

BOOK 3579

# FIELD NOTES

RE-  
OF THE SURVEY OF

Part of the North boundary, and

Part of the Subdivision lines,

and of the Survey of

Part (Completion) of the North boundary,

All of the West boundary, and

Part (completion) of the Subdivision lines of

TOWNSHIP 12 SOUTH, RANGE 18 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

F. W. Chapin,

In the capacity of U. S. Surveyor, under Special Instructions dated Oct. 9, 1919, issued by the United States Surveyor General to govern surveys included in Group No. 105, Arizona, which were approved by the Commissioner of the General Land Office, October 24, 1919, and Assignment Instructions dated Sept. 24, 1921

Resurvey and Survey commenced November 28, 1921.

Resurvey and Survey completed December 31, 1921.

3579

3579

(12)

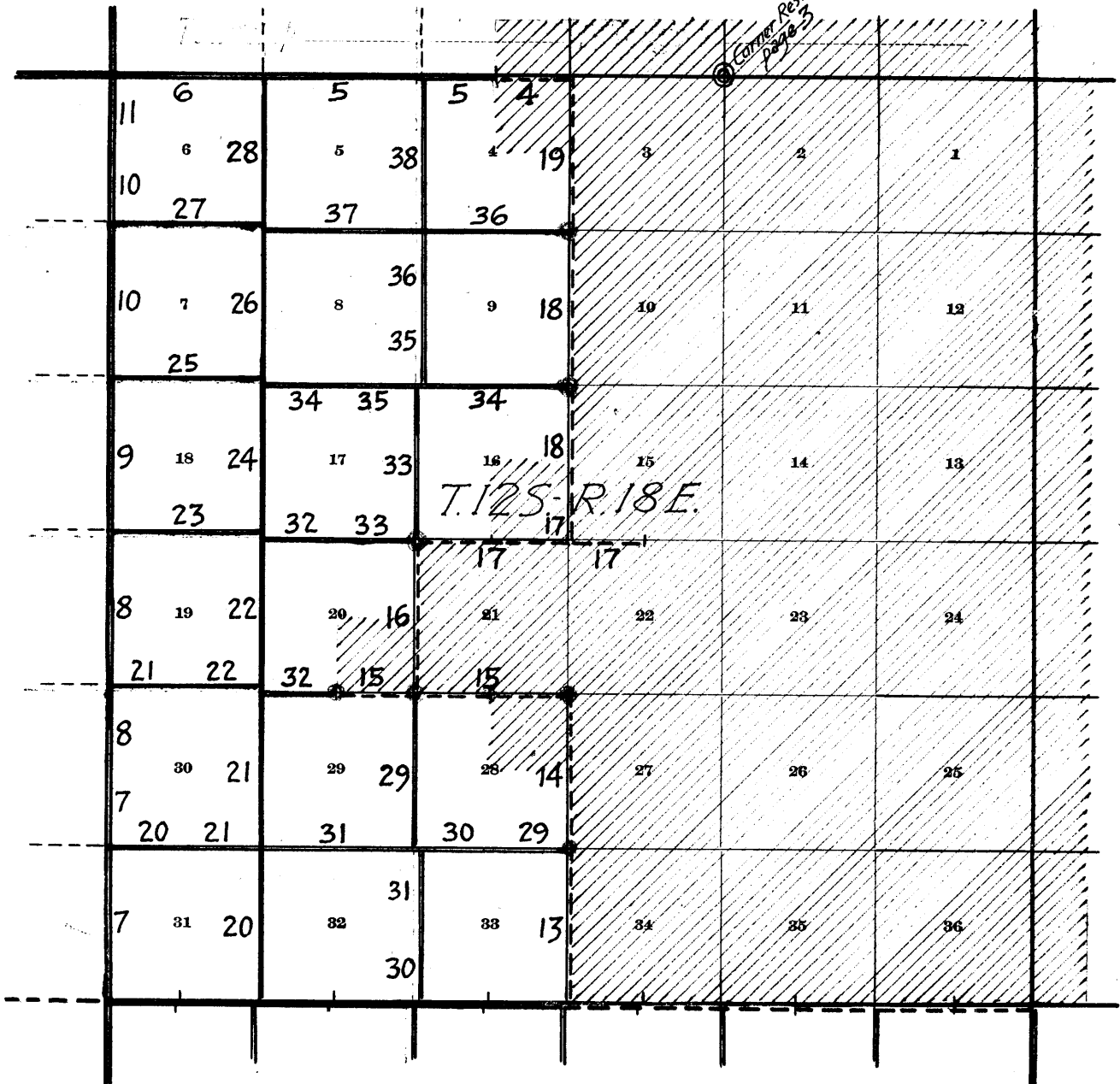
3579





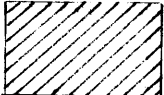
Book "B"

Group 103--- Arizona.

BOOK 3579

# INDEX DIAGRAM.



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

Book "B"  
 Group 103 - - - Arizona.  
 Township 12 South, Range 18 East.

DATE DIAGRAM.

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

————— Indicates lines surveyed by F. W.Chapin, U.S. Surveyor, on dates shown thereon.

- - - - - Indicates lines resurveyed by F.W.Chapin, U.S. Surveyor, on dates shown thereon.

Resurveys and surveys hereinafter described, executed by F.W. Chapin, U.S. Surveyor, on dates shown on diagram on page 1 hereof, using Young and Son's transit No. 8487. The instrument is equipped with a full vertical circle, and the Smith solar attachment.

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

November 27, 1921.

In camp near the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4, T.13 S., R.18 E., Gila and Salt River Base and Meridian, Arizona in latitude  $32^{\circ}21'N.$  and longitude  $110^{\circ}29'W.$  of Greenwich at 9h 00m a.m. app. t., set off  $32^{\circ}21'$  on the latitude arc,  $21^{\circ}5\frac{1}{2}'S.$  on the declination arc and determine a meridian with the solar and measure the deflection angle to a reference mark N.  $29^{\circ}00'E.$  about 30 chs. dist.

At app. noon with the latitude arc unchanged, observe the sun on the meridian, the resulting reading of the declination arc is  $21^{\circ}7\frac{1}{2}'$  which agrees with the computed declination of the sun.

At 3h 00m p.m. app. t., with the latitude arc unchanged set off  $21^{\circ}8'S.$  on the declination arc and determine a meridian with the solar, which agrees within  $1'$  of the meridian established with the solar at 9 a.m.

At 3h 12m p.m., l. a. t., at same station observe Polaris at eastern elongation, making four observations two each with the telescope in direct and reversed positions and measure the deflection angle to the same reference mark which bears N.  $29^{\circ}00'E.$

As all of the solar observations during the usual hours of solar work come within  $1'30''$  of the true meridian, conclude that the adjustments of the instrument are satisfactory.

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

-----

Direct solar observations were taken at frequent intervals when in the field on line, and most of the azimuth determinations were obtained from these direct observations and the lines projected by fore and back sight. On account of the open nature of the country this method appeared more accurate and practicable than to use the solar. The final direct observation is given in Book "C".

-----

Resurvey of part of the North bdy. of Township 12 South, Range 18 East  
Chains.

The east  $3\frac{1}{2}$  miles of the North boundary of T.12 S., R.18 E., was surveyed by John L. Harris, U.S.D.S. in 1879. No resurvey or retracement of any part of this line is of record.

The following notes describe a resurvey of that portion of the line between the east halves of secs. 4 and 33.

-----  
Retracement for Resurvey.

The original cor. monument of secs. 2, 3, 34 and 35 has disappeared, and the original bearing tree also has been washed away. The true point of original location of this section cor. falls in the middle of a wash 30 lks. wide and 10 ft. deep; course W. This point is determined by testimony and direction of old settlers in the vicinity who had seen the original cor. monument and its bearing tree before the destruction of same. At 65 lks. N. of true point, set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground for witness cor. to the reestablished cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T11S	R18E
S34	S35
S 3	S 2
T12S	
W C	
1921	

from which,

A mesquite, 6 ins. in diam., hrs. S.  $51^{\circ}09'W.$ , 237 lks. dist., marked W C T12 S R18E S3 BT.

No other trees within limits.

SE. cor. of Bronchello's house N.  $64^{\circ}18'W.$

SE. cor. of Gonzales' house hrs. N.  $4^{\circ}8'W.$

A fence hrs. E and W. at 10 lks. N. of this witness cor., and a road hrs. E and W. at 185 lks. S.

From true point for cor. of secs. 2, 3, 34 and 35,

West, on a random line, bet. secs. 3 and 34.

Over level bottom land, along N. side of road, bearing E. and W., and along wash, course W.

- .09 Fence cor. bears S. 126 lks. dist., from which fences extend E., and S.
- 20.61 Fence cor. bears S. 140 lks. dist., from which fences extend E. and SW.
- 40.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.
- 46.00 Fence hrs. N. and S., and bend in road from NW. to E. Road passes thru. gate in fence.
- 52.50 Right bank of San Pedro river, 2 ft. high, hrs. SE. and NW. Thence over river bed.
- 55.30 Main water channel, San Pedro river, 50 lks. wide, 12 ins. deep, course NW.
- 62.80 Left bank of San Pedro river, 10 ft. high, hrs. SE. and NW. Leave river bed. Continue over level land.
- 65.30 Fence hrs. N. and S.
- 75.00 Center of wash, 3.00 chs. wide, course NE.
- 80.00 Diligent search in this vicinity fails to reveal any trace of the original cor. of secs. 3, 4, 33 and 34. Set temp. cor. of said secs. This point falls in wash, course NE.
- Thence,  
West, on random line, bet. secs. 4 and 33 (E.  $\frac{1}{2}$ ).
- 40.00 Diligent search in this vicinity fails to reveal any trace of the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 33. Set temp.  $\frac{1}{4}$  sec. cor.
- The line beyond this  $\frac{1}{4}$  sec. cor. being unsurveyed, there

## BOOK 3579

## 4 Resurvey of part of the North bdy. of Township 12 South, Range 18 East.

Chains.

Retracement for Resurvey.

are no old cors. upon which to proportion the points for the missing cor. of secs. 3, 4, 33 and 34, and the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33; therefore, the temp. cors. set at record course and distance become the reestablished points for said cors. in this resurvey.

RESURVEY:

The reestablished point for cor. of secs. 3, 4, 33 and 34 falls in wash, course NE., where a monument would be liable to destruction.

Thence,

West, on a true line, bet. secs. 4 and 33 (E.  $\frac{1}{2}$ ).

Over nearly level bottom land, ~~sloping E. to the~~  
thru. dense timber and undergrowth.

- .60 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for witness cor. to the reestablished cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T11S	R18E
S33	S34 WC
S 4	S 3
T12S	
1921	

from which,

A well, brs. N.  $53^{\circ}49'E.$ , 116 lks. dist.

A mesquite, 8 ins. in diam., brs. S.  $50^{\circ}E.$ , 120 lks. dist., marked WC T12S R18E S3 BT.

A mesquite, 6 ins. in diam., brs. S.  $66^{\circ}37'W.$ , 111 lks. dist., marked WC T12S R18E S4 BT.

SE. cor. of small house, brs. N.  $75^{\circ}30'W.$ , 116 lks. dist.,

- 14.50 Leave bottom land, and enter broken and hilly land. Ascend 188 ft.; over NE. slope, to

- 39.91 Foot of steep slope, brs. N. and S. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to the reestablished  $\frac{1}{4}$  sec. cor. of secs. 4 and 33; marked on brass cap,

WC $\frac{1}{4}$ S 33
S 4
1921

No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft. base;  $1\frac{1}{2}$  ft. high, N. of cor.

Ascend ~~to~~, over steep E. slope, to

- 40.00 True point for reestablishment of the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, falls on precipitous E. slope, where it is impracticable to monument the cor.; therefore, witness cor. thereto is established at 9 lks. E. herefrom as described above.

Land, A.  $15\frac{1}{2}$  chs. nearly level; remainder, broken and hilly.

Soil in E.  $15\frac{1}{2}$  chs., sandy, 1st rate; remainder, rocky, 3rd rate.

Timber, mesquite and palo verde.

Undergrowth, catclaw, greasewood and cactus.

Survey of a Portion (Completion) of the North Boundary of T.12 S., R.18 E.

BOOK 3579

Chains

From the true point for  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, West, on a true line on N. bdy. of sec. 4 ( $W. \frac{1}{2}$ ).

26.50  
31.00  
36.25

Over hilly land, thru scattering timber and undergrowth. Asc. 277 ft. over E. slope to Spur, slopes NE. Desc. 65 ft. to Head of ravine, course NE. Asc. (160 chs. East from cor. of Ts. 11 and 12 S., Rs. 17 and 18 E.) Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for cor. of secs. 4 and 5 only, marked on brass cap,

S 5 S 4  
T12S R18E  
1921

From which

- A palo verde, 4 ins. in diam., bears S.  $75\frac{1}{2}^{\circ}$  E., 154 lks. dist., marked B T.
- A juniper, 10 ins. in diam., bears S.  $42\frac{1}{4}^{\circ}$  W., 21 lks. dist., marked T 12 S R 18 E S 5 B T

Land; hilly.  
Soil; rocky, 3rd. rate.  
Timber; palo verde, juniper, mesquite and saguaro.  
Undergrowth; catclaw, greasewood, ocatillo, and cactus.

West, on N. bdy. of sec. 5.  
Over mountainous land, thru scattering timber and undergrowth.

7.70  
32.83  
40.00

Asc. 90 ft. over NE. slope. Ridge, bears N. and S. Desc. 155 ft. over W. slope to Draw, course S. Asc. 30 ft. to Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 5 only, marked on brass cap

$\frac{1}{4}$  S 5  
1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high S. of cor.

40.20  
49.50  
55.80  
64.30  
72.60  
72.77  
80.00

Spur, slopes S. Desc. 57 ft. to Ravine, course SW. Asc. 42 ft. over SE. slope. Spur, slopes SW. Desc. 70 ft. over NW. slope. Wash, 10 lks. wide, course S. Asc. 64 ft. to Spur, slopes SE. Old road, bears SE. and NW. Desc. 64 ft. over SW. slope Set an iron post, 3 ft. long, 2 ins. in dia., 27 ins. in the ground for cor. of secs. 5 and 6 only, marked on brass cap

T11S R18E  
S 6 S 5  
T12S R18E  
1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high S. of cor.

Land; mountainous.  
Soil; gravelly, 2nd. rate.  
Timber; mesquite, palo verde, alder and saguaro.  
Undergrowth; catclaw, greasewood, ocatillo and buckthorn.

Chains West, on N. bdy. of sec. 6.  
Over hilly land, thru scattering timber and undergrowth.  
Desc. 20 ft. to  
2.00 Wash, 20 lks. wide, course S.  
8.20 Wash, 1 ch. wide, course S.  
12.85 Wash, 30 lks. wide, course SE. Asc. 168 ft. over NE. slope  
37.40 Spur, slopes SE. Desc. 27 ft. over SW. slope to  
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for  $\frac{1}{4}$  sec. cor. of sec. 6 only, marked on  
brass cap, brass cap

$\frac{1}{4}$  S 6  
 1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high S. of  
cor.  
Desc. 40 ft. over SW. slope.  
47.25 Ravine, course SE. Asc. 116 ft. over NE. slope to  
56.80 Ridge, bears SE. and NW. Desc. 117 ft. over SW. slope to  
72.34 Wash, 10 lks. wide, course SE. Asc. 50 ft. over NE. slope to  
80.00 (A point due north of the cor. of Ts.12 and 13 S., Rs.17  
and 18 E.)  
Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in  
the ground for cor. of Ts.11 and 12 S., Rs.17 and 18 E.,  
marked on brass cap

T11S  
 R17E | R18E  
 S 36 | S 31  
 S 1 | S 6  
 T12S  
 1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone, 3 ft. base, 2 ft. high S. of  
cor.

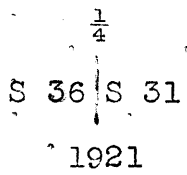
Land; hilly.  
Soil; gravelly, 2nd. rate.  
Timber; palo verde, mesquite, saguaro.  
Undergrowth; ocotillo, cactus, catclaw, yucca and sota.



Survey of the West Boundary of T.12 S., R.18 E.

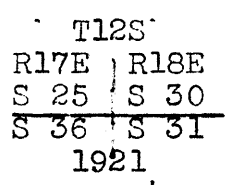
BOOK 7 3579

Chains From the cor. of Ts. 12 and 13 S., Rs. 17 and 18 E., described in Book "A",  
 North, on a true line bet. secs. 31 and 36.  
 Over mountainous land, thru scattering timber and undergrowth.  
 Desc. 52 ft. over NW. slope to  
 5.70 Slope changes to NE. Desc. 365 ft. to  
 21.00 Wash, 20 lks. wide, course NW. Asc. 46 ft. over SW. slope.  
 27.64 Spur, slopes NW. Desc. 87 ft. over NE. slope to  
 36.73 Wash, 25 lks. wide, course W. Asc. 32 ft. to  
 40.00 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



From which  
 An oak, 6 ins. in diam., bears N.21 $\frac{3}{4}$ °E., 225 lks. dist.  
 marked  $\frac{1}{4}$  S 31 B T  
 An oak, 10 ins. in diam., bears S.75°W., 15 lks. dist.  
 marked  $\frac{1}{4}$  S 36 B T

Asc. 115 ft. over broken S. slope to  
 51.85 Spur, slopes W. Desc. 76 ft. over N. slope to  
 54.10 Gulch, course W. Asc. 100 ft. over S. slope to 65.60 pt.  
 63.20 Piety Hill, bears N.82 $\frac{3}{4}$ °E.  
 65.60 Ravine, course W. Asc. 65 ft. to  
 69.86 Spur, slopes W. Desc. 70 ft. over N. slope.  
 76.77 Ravine, course W. Asc. 23 ft. to  
 78.23 Spur, slopes W. Desc. 23 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in the ground for cor. of secs. 25, 30, 31 and 36,  
 marked on brass cap



From which  
 An oak, 8 ins. in diam., bears S.81 $\frac{3}{4}$ °E., 66 lks. dist.  
 marked T 12 S R 18 E S 31 B T  
 An oak, 10 ins. in diam., bears S.24°W., 84 lks. dist.  
 marked T 12 S R 17 E S 36 B T  
 An oak, 12 ins. in diam., bears N.68 $\frac{3}{4}$ °W., 111 lks. dist.  
 marked T 12 S R 17 E S 25 B T  
 No tree available in sec. 30.

Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, NE. cor.  
 Land; mountainous.  
 Soil; rocky, 3rd. rate.  
 Timber; juniper, oak and mesquite.  
 Undergrowth; catclaw, ocatillo, cactus and yucca.

North, bet. secs. 25 and 30.  
 Over hilly land, thru scattering timber and undergrowth.  
 Desc. 12 ft. over N. slope to  
 .50 Gulch, course W. Asc. 132 ft. to  
 10.90 Spur, slopes NW. Desc. 54 ft. over NE. slope to  
 14.21 Wire fence, bears SE. and NW. Desc. 80 ft. to  
 19.96 Ravine, course NW. Desc. 50 ft. to  
 24.80 Same ravine, course NE. Thence along E. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
 the ground to bed rock, deposit a stone marked with  
 a cross (x) at base of post, and raise a mound of stone  
 around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 brass cap

Chains

$\frac{1}{4}$   
 S 25 | S 30

1921

From which

A juniper, 8 ins. in diam., bears N.  $1\frac{1}{2}^{\circ}$  E., 395 lks. dist., marked  $\frac{1}{4}$  S 30 B T

No other trees suitable for bearing trees available.  
 Desc. 93 ft. over broken NE. slope to

54.30 Draw, course E. Asc. 73 ft. over broken SE. slope.

61.80 Top of ascent. Desc. 207 ft. over NE. slope.

71.54 Same ravine, course NW. Asc. 33 ft. to

73.00 Top of ascent. Desc. 63 ft. to

77.83 Same ravine, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked on brass cap

T12S  
 R 17E | R18E  
 S 24 | S 19  
 S 25 | S 30  
 1921

From which

A juniper, 8 ins. in diam., bears N.  $83^{\circ}$  E., 223 lks. dist., marked T 12 S R 18 E S 19 B T

A juniper, 12 ins. in diam., bears S.  $75\frac{3}{4}^{\circ}$  E., 155 lks. dist., marked T 12 S R 18 E S 30 B T

A juniper, 16 ins. in diam., bears S.  $12^{\circ}$  W., 71 lks. dist., marked T 12 S R 17 E S 25 B T

A cedar, 8 ins. in diam., bears N.  $16^{\circ}$  W., 25 lks. dist. marked T 12 S R 17 E S 24 B T

Land; hilly.

Soil; rocky, 3rd. rate.

Timber; juniper, mesquite and cedar.

Undergrowth; catclaw, ocotillo and palo verde.

North, bet. secs. 19 and 24.

Over hilly land, thru scattering timber and undergrowth.

1.30 Ravine, course NW. Asc. 80 ft. over SW. slope to

11.70 Spur, slopes W. Desc. 72 ft. over N. slope to

15.56 Ravine, course SW. Asc. 85 ft. over SE. slope to

26.87 Spur, slopes NW. Desc. 200 ft. over N. slope.

39.10 Wash, 10, lks. wide, course NW. Asc. 20 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, deposit a stone, mkd. with cross (x). at base of post and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

1921

No trees suitable for bearing trees available.

Asc. 36 ft. over SW. slope to

43.10 Spur, slopes NW. Desc. 216 ft. over NE. slope to

50.35 Head of draw, course NW. Desc. 165 ft. over broken NW. slope.

65.00 Enter Bullock Canyon, course NE.

66.50 Leave Bullock Canyon. Asc. 17 ft. over SE. slope to

72.40 Spur, slopes NE. Desc. 21 ft. to

73.15 Enter Buehman Canyon, course E.

75.50 Road, bears SE. and NW.

77.50 Leave canyon. Asc. 115 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone, mkd. with a cross

Chains

(x) at base of post, and raise a mound of stone around post for cor. of secs. 13, 18, 19 and 24, marked on brass cap

T12S	
R17E	R18E
S 13	S 18
S 24	S 19

1921

No trees suitable for bearing trees within limits.

Land; hilly.

Soil; rocky, 3rd. rate.

Timber; mesquite, juniper, palo verde and saguaro, with sycamore along canyons.

Undergrowth; ocatillo, greasewood, cactus and catclaw.

North, bet. secs. 13 and 18.

Over hilly land, thru scattering timber and undergrowth. Along broken E. slope.

2.40 Fence, bears SE. and NW.

15.00 Desc. 46 ft. to

17.60 Ravine, course E. Asc. 75 ft. over SE. slope to

21.50 Top of ascent. Desc. 90 ft. over N. slope

29.15 Wash, 20 lks. wide, course E. Asc. 117 ft. to

37.00 Top of ascent. Desc. 70 ft. over N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, supported in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$	
S 13	S 18

1921

From which

A juniper, 6 ins. in diam., bears N.89°E., 171 lks. dist., marked  $\frac{1}{4}$  S 18 B T

A juniper, 6 ins. in diam., bears S.83 $\frac{3}{4}$ °W., 102 lks. dist., marked  $\frac{1}{4}$  S 13 B T

Desc. 64 ft. over N. slope to

43.15 Wash, 50 lks. wide, course E. Asc. 175 ft. over S. slope.

53.30 Spur, slopes SE. Desc. 162 ft. over NE. slope.

66.00 Enter wash, course SE.

68.35 Leave wash. Asc. 32 ft. over SW. slope to

70.35 Wire fence, bears S.62 $\frac{1}{2}$ °E. and N.62 $\frac{1}{2}$ °W. Asc. 40 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post and raise a mound of stone around post for cor. of secs. 7, 12, 13 and 18, marked on brass cap

T12S	
R17E	R18E
S 12	S 7
S 13	S 18

1921

No trees suitable for bearing trees within limits.

Land; hilly.

Soil; gravelly, 2nd. rate.

Timber; juniper, mesquite, cactus (giant) and palo verde.

Undergrowth; catclaw, cactus and ocatillo.

## BOOK 3579 Survey of West Boundary of T.12 S., R.18 E.

10

Chains North, bet. secs. 7 and 12.  
 Over hilly land, thru scattering timber and undergrowth.  
 Asc. 28 ft. over SW. slope to  
 2.50 Spur, slopes SE. Desc. 83 ft. over NE. slope.  
 7.20 Head of ravine, course E. Asc. 76 ft. over S. slope to  
 14.15 Spur, slopes E. Fence, bears NE. and SW. Desc. 90 ft.  
 over N. slope.  
 21.24 Wash, 20 lks. wide, course NE. Asc. 45 ft. over SE. slope.  
 27.00 Spur, slopes E. Desc. 87 ft. over NE. slope.  
 35.11 Fence, bears SE. and NW.  
 36.60 Wash, 1 ch. wide, course SE. Asc. 36 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
 the ground to bed rock, supported in a mound of stone,  
 for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4}$$

S 12		S 7
------	--	-----

1921

From which

A cedar, 8 ins. in diam., bears S.9°37'E., 239 lks.  
 dist., marked  $\frac{1}{4}$  S 7 B T

A mesquite, 8 ins. in diam., bears N.1°12'W., 190 lks.  
 dist., marked  $\frac{1}{4}$  S 12 B T

Asc. 295 ft. over SW. slope.

71.60 Ridge, bears SE. and NW. Desc. 95 ft. over N. slope to  
 75.95 Road, bears NE. and SW. Desc. 112 ft. over N. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in the ground for cor. of secs. 1, 6, 7 and 12, marked  
 on brass cap

$$\begin{array}{cc} T12S \\ R17E & R18E \\ S 1 & S 6 \\ \hline S 12 & S 7 \\ 1921 \end{array}$$

From which

A granite boulder 4 x 2 x 2 ft. bears S.22°E., 22 lks.  
 dist., marked cross (X) and B O above cross.

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

Land; hilly.

Soil; rocky, 3rd. rate.

Timber; mesquite, palo verde and saguaro.

Undergrowth; catclaw, ocotillo, cactus and yucca.

North, bet. secs. 1 and 6.

Over hilly land, thru scattering timber and undergrowth.  
 Desc. 26 ft. over N. slope to

4.70 Wash, 50 lks. wide, course SE. Asc. 192 ft. over SW. slope.  
 17.45 Ridge, bears SE. and NW. Desc. 73 ft. over NE. slope.  
 24.00 Ravine, course SE. Asc. 92 ft. over SE. slope.  
 30.00 Spur, slopes NE. Desc. 107 ft. over NW. slope.  
 39.70 Wash, 40 lks. wide, course SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\frac{1}{4}$$

S 1		S 6
-----	--	-----

1921

From which

A mesquite, 6 ins. in diam., bears S.12 $\frac{3}{4}$ °E., 82 lks.  
 dist., marked  $\frac{1}{4}$  S 6 B T

Survey of West boundary of Township 12 South, Range 18 East. 11

Chains.

A mesquite, 8 ins. in diam., brs. N. 20<sup>3</sup>/<sub>4</sub>° W., 107  
lks. dist., marked S 1 BT.

Ascend 175 ft., over SW. slope.

56.46 Ridge, brs. SE. and NW. Over broken E. slope.

70.16 Spur, slopes NE.

Descend 70 ft., over NW. slope.

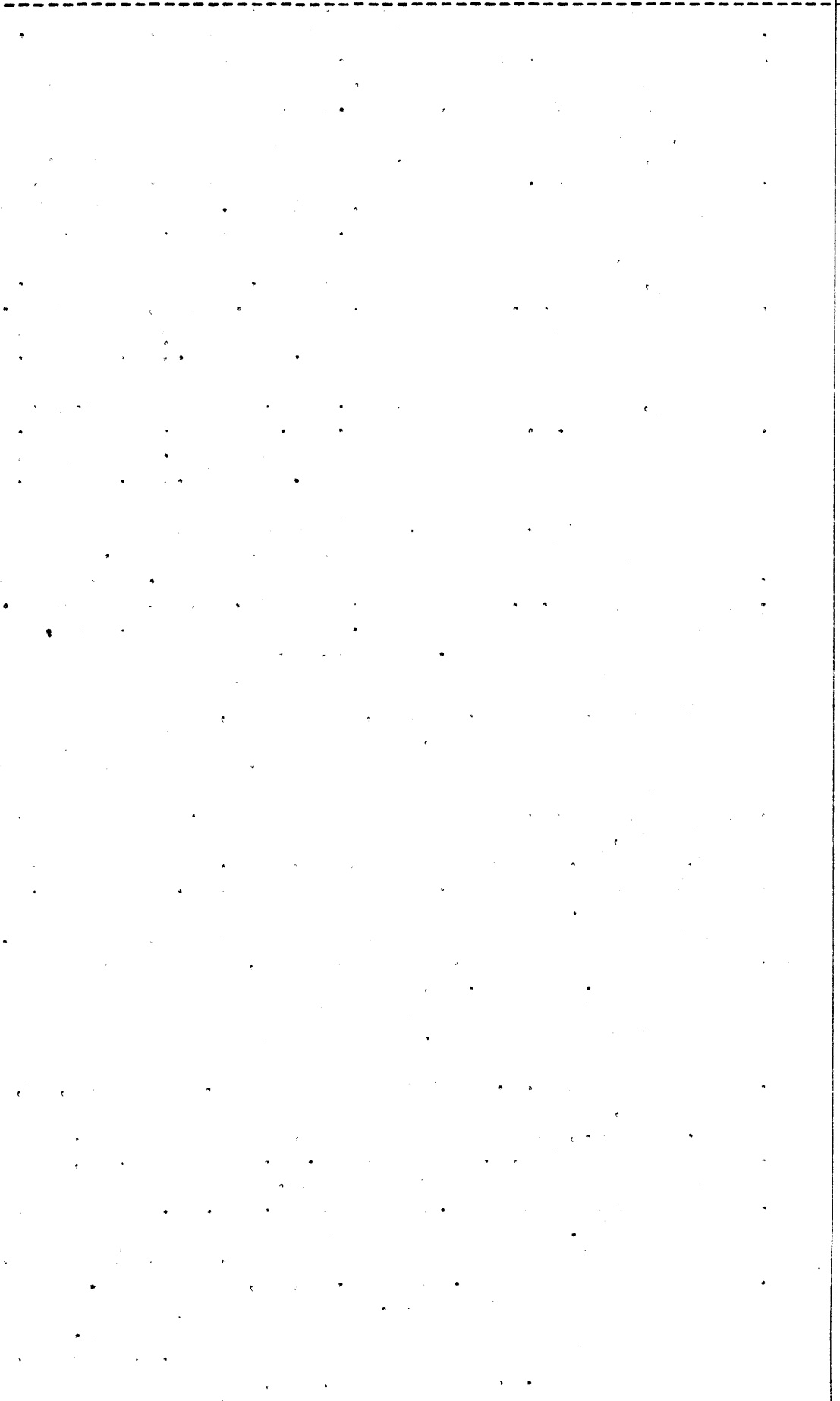
77.90 The cor. of Ts. 11 and 12 S., Rs. 17 and 18 E., hereinbe-  
fore described.

Land, hilly.

Soil, gravelly, 2nd rate.

Timber, palo verde, mesquite and saguaro.

Undergrowth, ocotillo, cactus, catclaw and yucca.



## BOOK 3579

## 12 Resurvey of part of the Subdivision lines of T.12 S., R.18 E.

Chains.

The subdivision lines resurveyed as hereinafter described 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.

-----  
Retracement for Resurvey.

- From the cor. of secs. 33 and 34 on S. bdy. of Tp., North, on a random line, bet. secs. 33 and 34.  
40.00 Find no evidence of the original  $\frac{1}{4}$  sec. cor. Set temp. cor.  
79.50 Fall 47 lks. E. of the cor. of secs. 27, 28, 33 and 34.  
True course and distance of the line bet. secs. 33 and 34 are therefore N.0°20'W., 79.50 chs.
- North, on a random line, bet. secs. 27 and 28.  
40.00 Find no evidence of original  $\frac{1}{4}$  sec. cor. Set temp. cor.  
78.75 Fall 138 lks. E. of the cor. of secs. 21, 22, 27 and 28.  
The true course and dist. of the line bet. secs. 27 and 28 are therefore N.1°00'W., 78.76 chs.
- West, on a random line, bet. secs. 21 and 28 (E.  $\frac{1}{2}$ ).  
40.58 Fall 9 lks. N. of the original  $\frac{1}{4}$  sec. cor. of secs. 21 and 28.  
The true course and dist. of the E.  $\frac{1}{2}$  of line bet. secs. 21 and 28 are therefore S.89°52'W., 40.58 chs.  
Thence,  
West, on a random line, bet. secs. 21 and 28 (W.  $\frac{1}{2}$ ).  
40.00 Fall 15 lks. S. of the cor. of secs. 20, 21, 28 and 29.  
The true course and distance of the W.  $\frac{1}{2}$  of line, bet. secs. 21 and 28 are therefore N.89°47'W., 40.00 chs.
- West, on a random line, bet. secs. 20 and 29 (E.  $\frac{1}{2}$ ).  
39.75 Fall 3 lks. S. of the  $\frac{1}{4}$  sec. cor. of secs. 20 and 29.  
The true course and distance of the E.  $\frac{1}{2}$  of line, bet. secs. 20 and 29 are therefore N.89°57'W., 39.75 chs.
- From the cor. of secs. 20, 21, 28 and 29, North, on a random line, bet. secs. 20 and 21.  
40.00 Find no evidence of the original  $\frac{1}{4}$  sec. cor. Set temp. cor.  
80.24 Fall 57 lks. E. of the cor. of secs. 16, 17, 20 and 21.  
The true course and dist. of the line bet. secs. 20 and 21 are therefore N.0°24'W., 80.24 chs.
- From cor. of secs. 16, 17, 20 and 21, East, on random line, searching diligently at record intervals for the original cor. monuments. Fail to find trace of any old cor., until at  
120.14 Fall 77 lks. S. of the original  $\frac{1}{4}$  sec. cor. of secs. 15 and 22.  
Thence,  
39.98 S.89°38'W., on trial line, bet. secs. 15 and 22 (W.  $\frac{1}{2}$ ).  
(Proportional dist.) Set temp. cor. No. 1 of secs. 15, 16, 21 and 22.  
Continue line and measurement, bet. secs. 16 and 21.  
120.14 Intersect the cor. of secs. 16, 17, 20 and 21.  
From cor. of secs. 21, 22, 27 and 28, North, on random line, searching diligently for the original cor. monuments. Fail to find trace of any old cor., until at  
160.28 Fall 172 lks. E. of the original cor. of secs. 9, 10, 15 and 16.  
Thence,  
79.53 S.0°37'E., on trial line, bet. secs. 15 and 16.  
A point 5 lks. E. of temp. cor. No. 1 of secs. 15, 16, 21 and 22.  
Continue line and measurement.  
80.14 (Proportional dist.) Set temp. cor. No. 2 of secs. 15, 16, 21 and 22.  
Continue line and measurement bet. secs. 21 and 22.  
160.28 Intersect the cor. of secs. 21, 22, 27 and 28.  
From the two trial sec. lines surveyed as described above, the point for reestablishment of the cor. of secs. 15, 16, 21 and 22 is found to be at 61 lks. S. of temp. cor. No. 1, and 5 lks. W. of temp. cor. No. 2, at which point the cor.

## Resurvey of part of Subdivision lines of T12 S., R. 18 E. 13

Chains.

Retracement for Resurvey continued.

is reestablished as hereinafter described.

The true courses and distances of the sec. lines tied to this sec. cor. resulting from this method of reestablishment, are as follows:

Between secs. 21 and 22: N. 0° 39' W., 80.14 chs.

Between secs. 16 and 21: S. 89° 56' E., 80.16 chs.

Between secs. 15 and 16: N. 0° 35' W., 80.14 chs., and the West half of line, bet. secs. 15 and 22: S. 88° 46' W., 39.98 chs.

From cor. of secs. 9, 10, 15 and 16,

North, on a random line, bet. secs. 9 and 10.

40.00 Find no trace of the original  $\frac{1}{4}$  sec. cor.

Set temp. cor.

80.26 Fall 9 lks. W. of the cor. of secs. 3, 4, 9 and 10.

The true course and distance of line bet. secs. 9 and 10 are therefore N. 0° 04' E., 80.26 chs.

North, on a random line, bet. secs. 3 and 4.

40.00 Set temp. cor. Find old post lying on ground, but there are no accessories and no way to determine its original position.

79.78 Fall 16 lks. W. of the reestablished pt. for cor. of secs. 3, 4, 33 & 34 on N. bdy. of Tp., hereinbefore described.

The true course and distance of line bet. secs. 3 and 4 are therefore N. 0° 07' E., 79.78 chs.

RESURVEY:

From the cor. of secs. 33 and 34 on S. bdy. of Tp., described in Book "A,"

N. 0° 20' W., on a true line, bet. secs. 33 and 34.

Over rolling land, thru. scattering timber and undergrowth.

.25 Bottom of canyon, 40 lks. wide, course E.

Ascend 60 ft., over S. slope, to

7.00 Spur, slopes S. 40° E.

10.20 Gulch, 20 lks. wide, course S. 10° E.

Ascend along W. slope of spur.

21.00 Spur, slopes S. 20° E.

Ascend along E. slope of spur.

27.10 Wire fence brs. S. 40° E. and N. 40° W.

29.00 Top of ascent.

Descend over NE. slope.

34.75 Ravine, 10 lks. wide, course S. 20° E.

Ascend SW. slope.

38.00 Spur, slopes SE.

Descend 20 ft., over NE. slope, to

39.75 (Proportional distance) 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. 33 and 34, marked on brass cap,

S33 | S34

1921

No trees suitable for bearing trees within limits.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Ascend 138 ft., over SW. slope.

58.00 Ridge, brs. S. 50° E. and N. 50° W.

65.40 Gulch, 15 lks. wide, course S. 30° E.

68.83 Ridge, brs. N. 60° E. and S. 60° W. Desc. 46 ft.

74.50 Ravine, 15 lks. wide, course N. 50° E. Ascend 23 ft. to

79.50 Intersect the original cor. of secs. 27, 28, 33 and 34, which is a mesquite post, 4 ins. sq., projecting 30 ins. above ground, properly marked and firmly set in ground and mound of stone. No bearing trees.

Reconstruct this cor. as follows:

BOOK 3579

## 14 Resurvey of part of the Subdivision lines of T.12 S., R.18 E.

Chains.

Alongside old wood post, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,

T12S	R18E
S28	S27
S33	S34
1921	

No trees suitable for bearing trees within limits.  
Land, rolling.  
Soil, rocky, 2nd. and 3rd rate.  
Timber, scattering mesquite.  
Undergrowth, sage brush.

N.1°00'W., on a true line, bet. secs. 27 and 28.  
Over rolling land, thru. scattering undergrowth.  
Ascend gentle SE. slope..

5.00 Spur, slopes NE. Descend 60 ft.  
10.24 Wash, 10 lks. wide, course E. Ascend gradual S. slope.  
17.00 Spur, slopes E. Desc. 125 ft. over N. slope.  
33.30 Wash, 20 lks. wide, course E. Asc. 45 ft. over S. slope.  
39.10 Fence brs. E. and W.  
39.38 (Proportional distance) 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. 27 and 28, marked on brass cap,

S28	S27
1921	

46.17 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 80 ft., over N. slope, to  
53.00 Wash, 10 lks. wide, course E. Ascend 60 ft.  
61.85 Spur, slopes E. Descend 70 ft. over N. slope.  
64.00 Wash, 50 lks. wide, course E.  
64.00 Spur, slopes E. Desc. gentle N. slope.  
64.27 Old road, brs. E. and W.  
78.76 Intersect the original cor. of secs. 21, 22, 27 and 28, .

which is a mesquite post, 4 ins. sq., projecting 30 ins. above ground, properly marked and firmly set in ground and mound of stone. No bearing trees. Reconstruct this cor. as follows: Destroy the mound of stone around the post, and alongside old wood post, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap,

T12S	R18E
S21	S22
S28	S27
1921	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Land, rolling.  
Soil, gravelly, 3rd rate.  
Timber, none.  
Undergrowth, catclaw, Spanish dagger, ocotillo and mesquite.



Resurvey of part of Subdivision lines of Township 12 S., R. 18 E.

Chains.

S. 89° 52' W., on a true line, bet. secs. 21 and 28 (E. 1/2).  
 Over rolling land, thru: scattering undergrowth.  
 Ascend 28 ft., over E. slope.  
 3.00 Spur, slopes NE. Desc. 30 ft., over NW. slope.  
 7.65 Wash, 10 lks. wide, course NE. Asc. 38 ft., over SE. slope.  
 16.00 Spur, slopes NE. Desc. 33 ft., over NW. slope.  
 23.92 Wash, 10 lks. wide, course NE. Ascend 32 ft.  
 29.00 Spur, slopes N.  
 Descend 44 ft., over W. slope.  
 32.65 Wash, 40 lks. wide, course N.  
 Ascend 33 ft., to  
 40.58 Intersect the original 1/4 sec. cor. of secs. 21 and 28, which  
 is a mesquite post, 3 ins. sq., projecting 30 ins. above  
 ground, with faint scribe marks visible, set alongside  
 fence post in fence bearing NW. and SE. This is undoubt-  
 edly the original 1/4 sec. cor., tho. there are no access-  
 ories. Reconstruct this cor. as follows:  
 Alongside old wood post, set an iron post, 3 ft. long, 1 in.  
 in diam., 12 ins. in the ground to bed rock, deposit a  
 stone marked with a cross (x) at base of post, and  
 raise a mound of stone around post, for 1/4 sec. cor.,  
 marked on brass cap,

1/4 S 21  
 S 28  
 1921

Thence,  
 N. 89° 47' W., on a true line, bet. secs. 21 and 28 (W. 1/2).  
 Over rolling land, thru. scattering undergrowth.  
 Ascend gentle E. slope.  
 6.10 Fence brs. SE. and NW.  
 12.42 Spur, slopes N.  
 Descend 58 ft.  
 22.12 Wash, 20 lks. wide, course N. Asc. 70 ft. over E. slope.  
 26.92 Spur, slopes N. Desc. 53 ft.  
 33.67 Wash, 10 lks. wide, course N. Asc. 53 ft.  
 36.92 Ridge, brs. N. and S. Descend 25 ft. to  
 40.00 Intersect the original cor. of secs. 20, 21, 28 and 29, which  
 is a granite stone 10x8x7 ins. above ground, properly  
 marked and firmly set in ground alongside fence post  
 in fence bearing S. 11° W. and N. 32° E. No accessories.  
 Reconstruct this cor. as follows:  
 Alongside old stone, set an iron post, 3 ft. long, 2 ins.  
 in diam., 18 ins. in the ground to bed rock, deposit  
 a stone marked with a cross (x) at base of post, and  
 raise a mound of stone around post, for cor. of secs.  
 20, 21, 28 and 29, marked on brass cap,

T12S, R18E  
 S20 | S21  
 S29 | S28  
 1921

Land, rolling.  
 Soil, rocky, 3rd and 4th rate.  
 Timber, none.  
 Undergrowth, catclaw, Spanish dagger, ocotillo and scrub  
 palo verde.

N. 89° 57' W., on a true line, bet. secs. 20 and 29 (E. 1/2).  
 Over rolling land, thru. scattering undergrowth.  
 Descend NW. slope.  
 1.10 Wash, 20 lks. wide, course NE. Asc. 94 ft., over NE. slope.  
 17.50 Spur, slopes NW. Desc. 86 ft., over SW. slope.  
 29.67 Wash, 50 lks. wide, course N. Asc. 64 ft., over broken SE.  
 slope, to  
 37.55 (40.00 chs. easting from NW, cor. of sec. 29) Set an iron  
 post, 3 ft. long, 1 in. in diam., 6 ins. in the ground  
 to bed rock, deposit a stone, marked with a cross (X)

Resurvey of part of Subdivision lines of T. 12 S., R. 18 E.

Chains.

at base of post, and raise a mound of stone around post, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 29 only, marked on brass cap,

$\frac{1}{4}$ S 29  
1921

39.75

Continue line and measurement. Ascend 13 ft., over SE. slope, to Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 20 and 29, which is a mesquite post 3 ins. sq., projecting 2 ft. above ground, firmly set, properly marked, and witnessed by a mound of stone N. of cor. No bearing trees.

Reconstruct this cor. as follows: Alongside old wood post, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 20 only, marked on brass cap,

$\frac{1}{4}$ S 20  
1921

Rebuild the mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Land, rolling.

Soil, rocky and gravelly, 3rd rate.

Timber, none.

Undergrowth, cactus, ocotillo, Spanish dagger and scrub palo verde.

N. 0° 24' W., on a true line, bet. secs. 20 and 21. Over rolling land, thru. scattering undergrowth.

- 3.20 Wash, 30 lks. wide, course NE.
- 7.90 Same wash, course NW.
- 15.70 Same wash, course NE.
- 20.00 Same wash, course NW.
- 24.60 Same wash, course NE. Asc. 35 ft., over SE. slope.
- 36.50 Spur, slopes E. Desc. 50 ft., over N. slope.
- 38.86 Ravine, 5 lks. wide, course NE. Asc. 16 ft. to
- 40.12 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 20 and 21, marked on brass cap,

$\frac{1}{4}$ S 20 | S 21  
1921

- 44.00
- 47.03
- 51.50
- 76.50
- 80.24

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Ascend 28 ft., over SE. slope.

Spur, slopes E. Descend 63 ft., over N. slope.

Ravine, 5 lks. wide, course E. Ascend 67 ft., over S. slope.

Spur, slopes E. Thence along top of ridge, bearing N. and S. Ascend 54 ft., over S. slope, to

Intersect the original cor. of secs. 16, 17, 20, and 21, which is a granite stone 18x12x4 ins. above ground, firmly set, properly marked and witnessed by a mound of stone N. of cor. No bearing trees. Reconstruct this cor. as follows. Destroy the old mound of stone, and alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock; deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for cor. of secs. 16, 17, 20 and 21, marked on brass cap,

T12S | R18E  
S17 | S16  
S20 | S21  
1921

Land, rolling.

Soil, gravelly, 3rd rate:

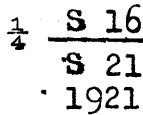
Timber, none:

Undergrowth, ocotillo, catclaw, cactus and scrub mesquite.

Resurvey of part of the Subdivision lines of T.12 S. R.18 E. 17  
Chains.

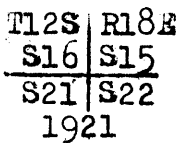
S.89°56'E., on a true line, bet. secs.16 and 21.  
Over rolling land, thru scattering timber and undergrowth.  
Descend 200 ft., over SE. slope.

17.50 Wash, 20 lks. wide, course NE. Asc. 33 ft., over NW. slope.  
20.43 Spur, slopes NE. Desc. 66 ft.  
23.50 Ravine, 10 lks. wide, course NE. Ascend 82 ft.  
27.70 Spur, slopes NE. Descend 66 ft.  
29.66 Fence brs. N.20°E. and S.20°W.  
35.42 Ravine, 5 lks. wide, course NE. Ascend 35 ft.  
39.90 Spur, slopes NE. Descend slightly over SE. slope, to  
40.08 (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.16 and 21, marked on brass cap,



No trees suitable for bearing trees within limits.  
Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
Descend 80 ft., over SE. slope.

49.13 Wash, 20 lks. wide, course NE. Ascend 25 ft.  
57.94 Ridge, brs. NE. and SW. Descend 65 ft., over SE. slope.  
70.90 Wash, 20 lks. wide, course N.  
75.80 Wash, 50 lks. wide, course NE.  
80.16 Intersect the point for reestablishment of cor. of secs.15,  
16, 21 and 22, determined by double proportion, as here-  
inbefore described. Set an iron post, 3 ft. long, 2  
ins. in diam., 26 ins. in the ground for reestablished  
cor. of secs. 15, 16, 21 and 22, marked on brass cap,



No trees suitable for bearing trees within limits. Raise  
a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling and hilly.  
Soil, gravelly and stony, 3rd and 4th rate.  
Timber, palo verde and mesquite.  
Undergrowth, catclaw, cactus, ocotillo and yucca.

The original  $\frac{1}{4}$  sec. cor. of secs.15 and 22 is a mesquite  
post 3 ins. in diam., projecting 2 ft. above ground,  
firmly set, marked  $\frac{1}{4}$  S on N. face. No accessories. Re-  
construct this cor. as follows:  
Alongside old post, set a granite stone, 12x6x6 ins., 8  
ins. in the ground, marked  $\frac{1}{4}$  on N. face, and raise a mound  
of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Thence,  
S.88°46'W., on a true line, bet. secs.15 and 22 (W.  $\frac{1}{4}$ ).  
Over rolling land, sloping NE., thru scattering under-  
growth.

1.50 Ascend gradually to sec. cor,  
Wash, course NE.  
28.90 Wash, 20 lks. wide, course NE.  
39.98 Intersect the reestablished cor. of secs.15, 16, 21 and 22.  
Land, rolling.  
Soil, rocky, 3rd rate.  
Timber, none.  
Undergrowth, catclaw, scrub mesquite and palo verde.

N.0°35'W., on a true line, bet. secs.15 and 16.  
Over rolling land, thru scattering undergrowth.  
4.70 Enter wash, course E.

18 Resurvey of part of the Subdivision lines of T.12 S., R.18 W.

Chains.

6.00 Leave wash.  
40.07 (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. 15 and 16, marked on brass cap,

S16 | S15

1921

49.50 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Descend 34 ft.

53.16 Wash, 30 lks. wide, course NE. Ascend 28 ft.

57.50 Spur, slopes NE. Desc. 46 ft., over NW. slope.

67.75 Wash, 10 lks. wide, course NE.

74.00 Fence, brs. N. 32 1/2° E. and S. 32 1/2° W.

80.14 Intersect the original cor. of secs. 9, 10, 15 and 16, which is a mesquite post, 3 ins. sq., projecting 30 ins. above ground, properly marked and firmly set in ground and small mound of stone.

No bearing trees. Reconstruct this cor. as follows:

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

T12S | R18E

S 9 | S10

S16 | S15

1921

Land, rolling.

Soil, gravelly, 3rd rate.

Timber, none.

Undergrowth, catclaw, ocotillo, greasewood, scrub palo verde and cactus.

N. 0° 04' E., on a true line, bet. secs. 9 and 10.

Over rolling land, thru. scattering timber and undergrowth.

Descend 70 ft., over NE. slope, to

6.40 Wash, 1 ch. wide, course NE.

40.13 (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. 9 and 10, marked on brass cap,

S 9 | S10

1921

No trees suitable for bearing trees within limits.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Descend 32 ft.

41.45 Ravine, course NE. Ascend.

55.00 Spur, slopes NE. Descend 55 ft., over NW. slope.

59.00 Ravine, course NE. Ascend 34 ft., over SE. slope.

66.50 Spur, slopes NE. Descend 65 ft., over NW. slope.

76.00 Ravine, course NE.

80.26 Intersect remains of original cor. of secs. 3, 4, 9 and 10, which is a mound of stone, undoubtedly that in which the wood post was originally set.

Reconstruct this cor. as follows: Destroy the mound of stone, and in center of its position, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

Resurvey of a part of the Subdivision lines  
of T.12 S., R.18 E.

Chains

T12S. R18E  
S 4 | S 3  
S 9 | S 10  
1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone, 2 ft. base, 1½ ft. high W. of  
cor.

Land; rolling.  
Soil; gravelly, 2nd. and 3rd. rate.  
Timber; mesquite and palo verde.  
Undergrowth; greasewood, cactus, ocotillo and catclaw.

N.0°07'E., on a true line bet. secs. 3 and 4.  
Over rolling land, thru scattering timber and undergrowth.  
Asc. 18 ft. over SE. slope.

4.00 Ridge, bears NE. and SW. Desc. over broken land.

39.94 (Proportional distance) Set an iron post, 3 ft. long,  
1 in. in diam., 26 ins. in the ground for ¼ sec. cor.  
marked on brass cap

¼  
S 4 | S 3

1921

No trees suitable for bearing trees within limits.  
Raise a mound of stone, 2 ft. base, 1½ ft. high W. of  
cor.

Thence over bench.

46.00 Leave bench. Desc. 100 ft. over N. slope.

51.00 Enter bottom land.

52.36 Wash, 1 ch. wide, course NE.

76.10 Road, bears E. and W.

79.78 Intersect the reestablished point for cor. of secs. 3, 4,  
33 and 34 on N. bdy. of T. 12 S., R. 18 E., as  
hereinbefore described.

Land; rolling.

Soil; gravelly, 2nd. and 3rd rate.

Timber; mesquite, palo verde and saguaro.

Undergrowth; greasewood, catclaw and cactus.

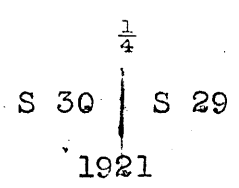
Chains	From the cor. of secs. 31 and 32 on S. bdy. of Tp., here- inbefore described, N.0°01'E., bet. secs. 31 and 32. Over mountainous land, thru scattering timber and under- growth. Asc. 217 ft. over S. slope.
32.30	Ridge, bears E. and W. Desc. 42 ft. over N. slope to
34.84	Fence, bears NE. and SW. Desc. 114 ft. over N. slope to
39.40	Wash, 20 lks. wide, course E. Asc.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 31   S 32 1921
	From which A mesquite, 6 ins. in diam., bears S.87 $\frac{1}{2}$ °E., 33 lks. dist., marked $\frac{1}{4}$ S 32 B T A mesquite, 6 ins. in diam., bears S.87°W., 42 lks. dist., marked $\frac{1}{4}$ S 31 B T
	Asc. 100 ft. over S. slope.
51.64	Ridge, bears E. and W. Desc. 147 ft. over N. slope.
65.00	Wash, 10 lks. wide, course E. Asc. 47 ft. over S. slope.
68.16	Spur, slopes E. Desc. 44 ft. over N. slope to
69.60	Gulch, 10 lks. wide, course SE. Asc. 240 ft. over SW. slope.
80.00	Mark a cross (X) on solid rock at exact cor. point and over same set an iron post, 3 ft. long, 2 ins. in diam. supported in a mound of stone for cor. of secs. 29, 30 31 and 32 marked on brass cap
	T12S R18E S 30 S 29 S 31 S 32 1921
	From which A mesquite, 12 ins. in diam., bears S.45°20'W., 245 lks. dist., marked T 12 S R 18 E S 32 BT No other trees within limits. Land; mountainous. Soil; rocky, 4th. rate. Timber; mesquite, juniper and saguaro. Undergrowth; catclaw, ocotillo and cactus.
	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Ball 17 lks. S. of the cor. of secs. 25, 30, 31 and 36 on W. bdy. of Tp., hereinbefore described.
	Thence S.89°53'E., on a true line bet. secs. 30 and 31. Over mountainous land, thru scattering timber and under- growth.
.30	Gulch, course NW. Asc.
5.00	Same gulch, course SW. Asc.
10.77	Same gulch, course NW. Asc. 315 ft. over SW. slope.
25.66	Ridge, bears SE. and NW. Piety Hill, bears S.15°E. Desc. 96 ft. along broken N. slope.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, deposit a stone, marked with a cross (X) at base of post and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	S 30 $\frac{1}{4}$ ---- S 31 1921

Survey of part (Completion) of the Subdivision lines BOOK 3579  
of T.12 S., R.18 E.

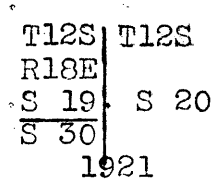
Chains Desc. 10 ft. over NE. slope to  
 40.80 Head of ravine, course NW. Asc. 40 ft. to  
 43.30 Spur, slopes NW. Desc. 160 ft. over E. slope  
 52.64 Ravine, course NW. Asc. 150 ft. over NW. slope.  
 62.00 Divide, bears N. and S. Desc. 186 ft. over E. slope.  
 68.50 Ravine, course SE. Asc. 150 ft. over SW. slope.  
 78.50 Ridge, bears N. and S. Desc. 26 ft. to  
 79.94 The cor. of secs. 29, 30, 31 and 32.

Land; mountainous.  
 Soil; rocky, 3rd. rate.  
 Timber; oak, juniper and mesquite.  
 Undergrowth; catclaw, ocotillo and cactus.

N.0°01'E., bet. secs. 29 and 30.  
 Over hilly land, thru scattering undergrowth.  
 Desc. 154 ft. over NE. slope to  
 8.60 Head of ravine, course E. Asc. 40 ft. over SE. slope.  
 12.00 Spur, slopes E. Desc. 110 ft. over NE. slope to  
 16.14 Ravine, course E. Asc. 35 ft. over S. slope.  
 20.25 Spur, slopes E. Desc. 140 ft. over N. slope.  
 26.30 Ravine, course E. Asc. 100 ft. over S. slope.  
 30.20 Spur, slopes E. Desc. 72 ft. over NE. slope.  
 36.60 Ravine, course E. Asc. 45 ft. over S. slope.  
 40.00 Mark a cross (X) on solid rock and over same set an iron  
 post, 3 ft. long, 1 in. in diam., supported in a mound  
 of stone for  $\frac{1}{4}$  sec. cor. marked on brass cap



Along broken E. slope.  
 51.50 Desc. 78 ft. over N. slope.  
 57.00 Ravine, course NE. Asc. 30 ft. to  
 59.35 Spur, slopes NE. Desc. 43 ft. to  
 62.40 Ravine, course NE. Asc. 60 ft. to  
 72.30 Spur, slopes E. Desc. 70 ft. over N. slope to  
 78.00 A point W. of the  $\frac{1}{4}$  sec. cor. of sec. 20.  
 Closing cor. of secs. 20 and 29, established at this  
 point, as hereinafter described.  
 79.00 Ravine, course SE. Asc.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in  
 the ground to bed rock, deposit a stone, marked  
 with a cross (X) at base of post, and raise a mound of  
 stone around post for cor. of secs. 19 and 30 only,  
 marked on brass cap



Land; hilly.  
 Soil; rocky and gravelly, 3rd. rate.  
 Timber; none.  
 Undergrowth; greasewood, ocotillo, spanish dagger and  
 cactus.

N.89°53'W., on a random line bet. secs. 19 and 30.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Fall 2 lks. S. of the cor. of secs. 19, 24, 25 and 30  
 on W. bdy. of Tp., hereinbefore described.

Thence  
 S.89°52'E., on a true line bet. secs. 19 and 30.  
 Over broken land, thru scattering timber and undergrowth.

BOOK 3579 Survey of Part (Completion) of the Subdivision lines  
of T.12 S., R.18 E.

22

Chains	
.20	Wash, course N.. Asc. 135 ft. over W. slope.
5.60	Spur, slopes N. Desc. 100 ft. over NE. slope.
10.30	Gulch, course NW. Asc. 237 ft. over SW. slope.
21.25	Ridge, bears SE. and NW.. Desc. 167 ft. over NE. slope.
35.70	Ravine, course NW. Asc. 106 ft. over SW. slope, to
39.96	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, deposit a tin can at base of post and raise a mound of stone around post for $\frac{1}{4}$ sec. cor., marked on brass cap
	S 19 $\frac{1}{4}$ ---- S 30 1921
	No trees suitable for bearing trees within limits.
	Ascend 20 ft. over SW. slope to
41.00	Top of ascent. Desc. 70 ft. over SE. slope to
43.70	Ravine, course SW. Asc. 138 ft. to
51.37	Ravine, course NW. Asc. 132 ft. over SW. slope.
57.30	Divide, bears N. and S. Desc. 60 ft. over NE. slope.
62.90	Head of draw, course NE. Asc. 44 ft. over W. slope..
68.20	Spur, slopes NE. Desc. 170 ft. to
79.92	The cor. of secs. 19 and 30.
	Land; broken and hilly. Soil; rocky, 3rd. rate. Timber; juniper. Undergrowth; greasewood, ocotillo, spanish dagger and cactus.
	N.0°01'E., on E. bdy. of sec. 19.
	Over mountainous land, thru scattering timber & undergrowth. Asc. 57 ft. over S. slope.
7.00	Spur, slopes E. Along E. slope of ridge.
13.50	Spur, slopes E. Desc. 137 ft. over NE. slope.
23.60	Ravine, course NE. Asc. 140 ft. over SW. slope.
36.10	Spur, slopes E. Desc. 25 ft. over N. slope, to
38.00	(40.00 chs. from C.C. of secs. 20 and 29) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone, mkd. with a cross (X) at base of post and raise a mound of stone around post for $\frac{1}{4}$ sec. cor. of sec. 20 only, marked on brass cap
	$\frac{1}{4}$ S 20 1921
	No trees suitable for bearing trees within limits.
	Descend 30 ft., over N. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, deposit a stone, mkd. with a cross (X) at base of post and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 19 only, marked on brass cap,
	$\frac{1}{4}$ S 19 1921
	No trees suitable for bearing trees within limits.
	Desc. 5 ft. over NE. slope, to
41.20	Ravine, course E. Asc. S. slope.
44.20	Spur, slopes E. Desc. 142 ft. over N. slope.
47.90	Gulch, course E. Asc. 200 ft. over S. slope..
60.70	Spur, slopes E. Desc. 110 ft. over N. slope.
65.30	Ravine, course E. Asc. 120 ft. over S. slope.
72.30	Spur, slopes E. Thence along broken E. slope.
78.00	Spur ridge, bears E. and W. (80.00 chs. from C.C. of secs. 20 and 29) Mark a cross (X) on solid rock at exact cor. point and over same set an iron post, 3 ft. long, 2 ins. in diam., supported



Survey of part (completion) of Subdivision lines of T.12 S., R.18 E. 23

Chains.

in a mound of stone for cor. of secs. 17 and 20, marked on brass cap,

	T12S	
	R18E	
S19	S17	
	S20	
	1921	

80.00 No trees suitable for bearing trees within limits. Descend 23 ft., over NE. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock; deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for cor. of secs. 18 and 19 only, marked on brass cap,

	T12S	
	R18E	S 17
	S 18	
	S 19	
	1921	

from which,  
A granite stone, 4x4x1 ft. above ground, brs. S. 27° W., 40 lks. dist., marked cross (x) with B0 above cross.

No trees suitable for bearing trees within limits. Land, mountainous. Soil, rocky, 4th rate. Timber, mesquite, palo verde and saguaro. Undergrowth, ocotillo, catclaw and cactus.

40.00 N. 89° 52' W., on a random line, bet. secs. 18 and 19. Set temp. 1/4 sec. cor.  
80.00 Fall 14 lks. N. of the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., hereinbefore described.  
Thence:  
S. 89° 58' E., on a true line, bet. secs. 18 and 19. Over mountainous land, thru. scattering timber and undergrowth.  
8.60 Descend 130 ft., over SE. slope, to Foot of descent, and W. side of bottom of Buehman Canyon, brs. NE. and SW. Leave mountainous, and enter nearly level land in bottom of canyon.  
9.40 Road, brs. NE and SW.  
12.63 E. side of bottom of Buehman Canyon, brs. NE. and SW. Leave bottom of canyon. Enter mountainous land.  
15.35 Ascend 100 ft., over NW. slope. Point of spur, slopes N. Trail, brs. N. and S.  
19.60 Descend 70 ft., over NE. slope. Bottom of side canyon, 50 lks. wide, course NW.  
39.75 Ascend 400 ft., over W. slope, to Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, deposit a stone mkd with a cross (x) at base of post, and raise a mound of stone around post for witness cor. to the 1/4 sec. cor., marked on brass cap,

	1/4 S 18	WC
	S 19	
	1921	

40.00 No trees suitable for bearing trees within limits. True point for 1/4 sec. cor. falls on perpendicular slope, where it is impracticable to establish monument. Ascend 660 ft. over steep W. slope.  
63.60 Ridge, brs. N. and S.  
80.00 Descend 400 ft., over E. slope, to The cor. of secs. 18 and 19.

## 24 Survey of part (completion) of Subdivision lines of T.12 S., R.18 E.

Chains.	Land, mountainous, except in bottom of Buehman Canyon, where it is nearly level. Soil, rocky, 3rd rate. Timber, juniper. Undergrowth, ocotillo, greasewood, cactus and catclaw.
	-----
	N.0°01'E., on E. bdy. of sec.18. Over mountainous land, thru scattering timber and undergrowth.
1.10	Descend 16 ft., over NE. slope. Ravine, course E.
4.40	Ascend 36 ft., over S. slope. Spur, slopes E.
18.84	Descend 94 ft., over N. slope. Ravine, course E.
22.10	Ascend 73 ft., over S. slope. Spur, slopes NE.
26.10	Descend 110 ft., over N. slope. Gulch, course E.
29.35	Ascend 50 ft. Spur, slopes E.
37.44	Descend 70 ft., over N. slope. Ravine, course E.
38.00	Ascend 20 ft., to Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., of sec.17 only, marked on brass cap,  <div style="text-align: center;"> <math>\frac{1}{4}</math>                         S17         </div> 1921
40.00	No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Ascend 8 ft., to Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec.18 only, marked on brass cap,  <div style="text-align: center;"> <math>\frac{1}{4}</math>                         S 18         </div> 1921
	from which, A granite boulder, 6x4x2 ft. brs. N.13 $\frac{1}{2}$ °W., 12 lks. dist., marked cross (x) and BO above cross.
41.40	No trees suitable for bearing trees within limits. Ascend 7 ft. Top of ascent.
44.00	Descend 63 ft. Head of ravine, course E.
49.76	Ascend 60 ft., over SE. slope. Spur, slopes SE.
53.00	Descend 30 ft. Head of ravine, course SE.
56.70	Ascend 10 ft. Spur, slopes SE.
77.86	Descend 315 ft., over broken NE. slope. Ravine, course NW.
78.00	Ascend 45 ft. over SW. slope to cor. of secs. 7 and 18. True point for cor. of secs. 8 and 17 falls in ravine, where monument would be liable to destruction; therefore, establish witness cor. at 60 lks. N.89°58'E., as herein after described.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock, deposit a stone mkd. with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs.

Survey of part (completion) of Subdivision lines of T. 12 S., R. 18 E., 25

Chains.

7 and 18 only, marked on brass cap,

T12S	
R18E	S 8
S 7	
S18	
1921	

No trees suitable for bearing trees within limits.  
 Land, mountainous.  
 Soil, rocky, 3rd and 4th rate.  
 Timber, palo verde, mesquite, juniper and saguaro.  
 Undergrowth, ocotillo, catclaw and Spanish dagger.

- 40.00 N. 89°58'W., on random line, bet. secs. 7 and 18.
- 79.92 Set temp.  $\frac{1}{4}$  sec. cor.
- Intersect the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described.
- Thence,
- S. 89°58'E., on a true line, bet. secs. 7 and 18.
- Over mountainous land, thru. scattering timber and undergrowth.
- Ascend 30 ft., over SW. slope.
- 4.28 Spur, slopes SE.
- Descend 185 ft., over NE. slope.
- 20.50 Wash, 20 lks. wide, course SE.
- Ascend 40 ft., over SW. slope.
- 23.00 Descend 69 ft., over SE. slope, to
- 26.97 Foot of descent, and W. side of bottom of Buehman Canyon, brs. NE. and SW. Leave mountainous, and enter nearly level land in bottom of canyon.
- 29.28 Fence brs. NE. and SW. Enter corn field.
- 32.26 Fence brs. NE. and SW. Leave corn field.
- 34.16 Road brs. NE. and SW. and east side of bottom of Buehman Canyon, same bearing. Parker's house and windmill brs. N. 7 $\frac{1}{2}$ °W. from this point. Leave bottom of canyon; enter mountainous land.
- Ascend 242 ft., over steep NW. slope, to
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., over cross (x) marked on solid surface rock, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$ S 7	
S 18	
1921	

- No trees suitable for bearing trees within limits.
- Ascend 175 ft., over steep NW. slope, to
- 43.50 East rim of Buehman Canyon, brs. NE. and SW. Leave canyon.
- 48.30 Ascend 61 ft., over W. slope.
- 55.56 Point of spur, slopes NW.
- Descend 169 ft., over NE. slope.
- 65.09 Bottom of ravine, course N.
- Ascend 75 ft., over NW. slope.
- 74.85 Spur, slopes N.
- Descend 75 ft., over NE. slope.
- 78.31 Bottom of ravine, course NW.
- Ascend 60 ft., over SW. slope, to
- 79.92 The cor. of secs. 7 and 18.
- Land, mountainous, except in bottom of Buehman Canyon, where it is nearly level.
- Soil, rocky, 3rd and 4th rate.
- Timber, scattering palo verde, mesquite, juniper and saguaro.
- Undergrowth, ocotillo, catclaw, cactus and Spanish dagger.

BOOK 3579

26 Survey of part (completion) of Subdivision lines of T.12 S., R.18 E.

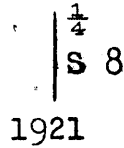
Chains.

N.0°01'E., on E. bdy. of sec. 7.  
Over mountainous land, thru. scattering timber and undergrowth.

8.75 Ascend 65 ft., over SW. slope.  
Spur, slopes W.  
18.00 Descend 185 ft., over NW. slope.  
Gulch, course SW.

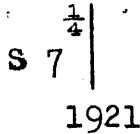
25.45 Ascend 310 ft., over SE. slope.  
Spur, slopes SW.

38.00 Desc. 405 ft., over NW. slope, to  
Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor. of sec. 8 only, marked on brass cap,



No trees suitable for bearing trees within limits.

40.00 Descend 55 ft. over NW. slope, to  
Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor. of sec. 8 only, marked on brass cap,



No trees suitable for bearing trees within limits.

53.40 Descend 238 ft., over NW. slope, to  
Foot of descent, brs. NE and SW. Leave mountainous land and cross nearly level bottom of Buehman Canyon, course NE.

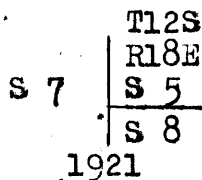
56.90 Leave bottom of canyon; enter mountainous land, and cross nearly level bottom of Buehman Canyon, course NE.

56.90 Leave bottom of canyon; enter mountainous land.  
Ascend 218 ft., over SE. slope.

66.40 Point of spur, slopes E. Thence along broken E. slope, to

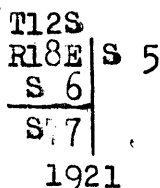
67.28 Descend 140 ft., over NE. slope, to

78.00 Set an iron post, 3 ft. long, 2 ins. in diam., 5 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post, for cor. of secs. 5 and 8 only, marked on brass cap,



No trees suitable for bearing trees within limits.

80.00 Descend 39 ft., over NE. slope, to  
Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone around post for cor. of secs. 6 and 7 only, marked on brass cap,



## Survey of part (completion) of Subdivision lines of T.12 S., R.18 E. 27

Chains.

No trees suitable for bearing trees within limits.  
Land, mountainous, except in bottom of Buehman Canyon,  
which is nearly level.  
Soil, rocky, 4th rate.  
Timber, sycamore, mesquite, willow, palo verde, cedar and  
saguaro.  
Undergrowth, ocotillo, cactus, catclaw, buckthorn and Span-  
ish dagger.

40.00 S.89°58'W., on random line, bet. secs.6 and 7.  
Set temp.  $\frac{1}{4}$  sec. cor..  
80.04 Fall 14 lks. N. of the cor. of secs. 1, 6, 7 and 12, on W. bdy.  
of Tp., hereinbefore described.  
Thence,  
N.89°52'E., on true line, bet. secs.6 and 7.  
Over hilly and rolling land, thru. scattering timber and  
undergrowth.  
Ascend 30 ft., over N. slope.  
4.15 Descend 40 ft., over NE. slope.  
9.69 Wash, 25 lks. wide, course SE.  
Ascend 63 ft., over SW. slope.  
28.72 Old road, brs. NW and SE.  
30.27 Spur, slopes SE.  
Descend 70 ft., over NE. slope.  
35.43 Bottom of ravine, course SE.  
Ascend 55 ft., over SW. slope, to  
40.02 Spur, slopes SE. Set an iron post, 3 ft. long, 1 in. in  
diam., 14 ins. in the ground to bed rock, deposit a  
stone, marked with a cross (x) at base of post, and  
raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor.,  
marked on brass cap,

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

1921

No trees suitable for bearing trees within limits.  
Descend 57 ft., over NE. slope.  
44.06 Bottom of ravine, course SE.  
Ascend 53 ft., over SW. slope.  
47.77 Low spur, slopes SE.  
Descend 25 ft., over E. slope.  
54.94 Ascend 62 ft., over SW. slope.  
61.03 House brs. N.26 $\frac{1}{4}$ °E.  
61.08 Ridge, brs. NW and SE. Leave rolling and hilly land, and  
enter mountainous land.  
Descend 95 ft., over E. slope.  
66.42 Bottom of ravine, course NE. near head.  
Ascend 56 ft., over NW. slope.  
71.48 Descend 181 ft., over NE. slope, to  
80.04 The cor. of secs. 6 and 7.  
Land, W. 61 chs., rolling and hilly, remainder, mountainous.  
Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, scattering mesquite, palo verde, saguaro and  
sycamore.  
Undergrowth, catclaw, ocotillo, cactus, buckthorn, palo christo  
and palo negri.

38.00 N.0°01'E., on a random line on E. bdy. of sec. 6.  
(40.00 chs. from cor. of secs. 5 and 8) Set temp.  $\frac{1}{4}$  sec. cor.  
for sec. 5.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor. for sec. 6.  
77.70 Fall 2 lks. W. of the cor. of secs. 5 and 6 on N. bdy. of  
Tp., hereinbefore described.

## 28 Survey of part(completion)of Subdivision lines of T.12 S.R.18 E.

Chains.

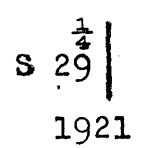
	Thence, S.0°02'W., on a true line, bet.secs.5 and 6. Over mountainous land, thru. scattering timber and under- growth. Descend 26 ft.over SW. slope.
4.50	Wash, 1 ch. wide, course SE. Ascend 30 ft., over NE. slope.
11.00	Spur, slopes E. Descend 40 ft.,over S.slope.
14.80	Wash,10 lks.wide, course E. Ascend 70 ft.,over NE.slope.
18.55	Spur,slopes SE. Ascend 38 ft.,over W.slope,to
26.70	Descend 85 ft., over SW.slope.
28.90	Wash,20 lks.wide, course SE. Ascend 62 ft., over NE.slope.
33.68	Trail, brs. NE and SW.
36.50	Ridge, brs.SE. and NW. Descend 10 ft.,over SW.slope,to
37.70	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground for $\frac{1}{4}$ sec.cor. of sec.6 only, marked on brass cap,  <div style="text-align: center;"> <math>\frac{1}{4}</math>    S 6    1921 </div>
	No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high, W.of cor. Descend 20 ft.,over SW.slope,to
39.70	(40.00 chs. from cor.of secs. 5 and 8) Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor. of sec.5 only, marked on brass cap,  <div style="text-align: center;"> <math>\frac{1}{4}</math>    S 5    1921 </div>
	No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high,E.of cor. Descend 240 ft., over SW.slope.
57.56	House brs.S.73 $\frac{1}{2}$ 'W.
67.80	Foot of descent brs. NE. and SW. Thence across nearly level bottom of Buehman Canyon, course NE.
69.16	Leave bottom of Buehman Canyon. Ascend 64 ft.,over NW.slope.
71.00	Top of ascent. Descend 66 ft.,over SW.slope,to
71.70	Foot of descent, brs: NW and SE. Thence across nearly level bottom of Buehman Canyon, course NW.
73.60	Leave bottom of Buehman Canyon. Ascend 75 ft.,over NE.slope,to
77.70	The cor.of secs.6 and 7. Land, mountainous. Soil,gravelly and rocky, 2nd and 3rd rate. Timber, mesquite, palo verde, sycamore and saguaro. Undergrowth, catclaw, ocotillo,cactus,buckthorn and Spanish dagger.
	-----
	From the cor. of secs.27,28, 33 and 34, West,on a random line, S.of secs.28 and 29.
40.00	Set temp. $\frac{1}{4}$ sec.cor.of sec.28.
80.00	Set temp.cor.of secs.28 and 29.
120.00	Set temp. $\frac{1}{4}$ sec.cor.of sec.29.
159.58	Fall 65 lks.S.of the cor.of secs.29,30,31 and 32.

Survey of part (completion) of Subdivision lines of T.12 S., R.18 E.29

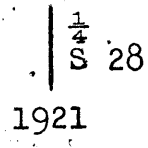
Chains.

The true course and distance of the line S. of secs. 28 and 29 are therefore N. 89° 46' W., 159.58 chs.

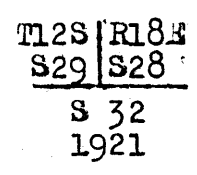
From temp. cor. of secs. 28 and 29,  
 North, on random line, bet. secs. 28 and 29.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.43 Fall 2.00 chs. E. of the cor. of secs. 20, 21, 28 and 29, Thence,  
 South, on a true line, bet. secs. 28 and 29.  
 Over rolling land, thru. scattering undergrowth.  
 Ascend 160 ft., over NW. slope, to  
 38.43 (40.00 chs. N. from cor. of secs. 28 and 29)  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., of sec. 29 only, marked on  
 brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
 Ascend 10 ft., over NW. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
 the ground to bed rock, deposit a charred stake 10 ins.  
 long alongside post, and raise a mound of stone around  
 post for  $\frac{1}{4}$  sec. cor. of sec. 28 only, marked on brass  
 cap,



Ascend 44 ft., over NW. slope, to  
 44.25 Ridge, brs. SE and NE.  
 Descend 15 ft., over SW. slope. Enter scattering timber.  
 49.50 Ascend slightly over W. slope.  
 63.30 Ascend 57 ft., over NW. slope, to  
 68.17 Same ridge, brs. NE & SW. Descend 10 ft. over SE. slope.  
 73.20 Head of draw, course SE. Ascend 15 ft. over NE. slope.  
 75.50 Same ridge, brs. SE. and NW.  
 Descend 34 ft., over SW. slope to sec. cor.  
 78.40 Old road, brs. NE and SW.  
 78.43 Intersect First Latitudinal sec. line at a point 82.00 chs.  
 N. 89° 46' W., from the cor. of secs. 27, 28, 33 and 34.  
 At point of intersection, set an iron post, 3 ft. long,  
 2 ins. in diam., 26 ins. in the ground for cor. of  
 secs. 28 and 29 only, marked on brass cap,



No trees suitable for bearing trees within limits.  
 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.  
 Land, rolling.  
 Soil, rocky, 3rd rate.  
 Timber, scattering mesquite in S. 34 chs.; none elsewhere.  
 Undergrowth, catclaw, scrub mesquite, cactus, ocotillo  
 and yucca.

From the cor. of secs. 27, 28, 33 and 34,  
 N. 89° 46' W., on a true line, on S. bdy. of sec. 28.  
 Over rolling land, thru. scattering timber and under-  
 growth.  
 Ascend 46 ft. to  
 5.00 Spur, slopes NE.

## BOOK 3579

30 Survey of part (completion) of Subdivision lines of T.12 S., R.18 E.

Chains.

- Descend 42 ft. to  
 12.70 Wash, 10 lks. wide, course NE.  
 Ascend 52 ft. over SE. slope.  
 18.39 Trail, brs. N. and S. on ridge, bearing NE and SW.  
 Descend 70 ft., over NW. slope.  
 31.21 Wash, 10 lks. wide, course NE.  
 Ascend 85 ft., over SE. slope, to  
 39.88 (Midpoint of N. bdy. of sec. 33) Set an iron post, 3 ft. long,  
 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
 of secs. 28 and 33, marked on brass cap,

$\frac{1}{4}$  S 28  
 S 33  
 1921

- No trees suitable for bearing trees within limits.  
 Raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Ascend 44 ft., over SE. slope.  
 51.00 Spur, slopes NE.  
 Descend 60 ft., over NW. slope.  
 58.20 Wash, 40 lks. wide, course NE.  
 Ascend 80 ft., over SE. slope.  
 72.40 Ridge, brs. NE and SW.  
 Descend 10 ft:  
 74.00 Head of draw, course N.  
 Ascend 10 ft.  
 75.90 Same ridge, brs. SE. and NW.  
 Descend 40 ft. over SW. slope, to  
 82.00 The cor. of secs. 28 and 29.  
 Land, rolling.  
 Soil, gravelly and rocky, 3rd rate.  
 Timber, mesquite and palo verde.  
 Undergrowth, catclaw, ocotillo and yucca.

- From the cor. of secs. 28 and 29,  
 S.  $0^{\circ}1'W.$ , on random line, bet. secs. 28 and 33.  
 40.00 Set temp,  $\frac{1}{4}$  sec. cor.  
 79.56 Fall 2.24 chs. E. of the cor. of secs. 32 and 33 on S. bdy.  
 of Tp., described in Book "A,"  
 Thence,  
 N.  $0^{\circ}01'E.$ , on a true line, bet. secs. 32 and 33.  
 Over mountainous land, thru. scattering timber and under-  
 growth.  
 Ascend 70 ft., over SW. slope.  
 3.50 Top of ascent.  
 Descend 70 ft., over NE. slope.  
 11.65 Ravine, 10 lks. wide, course SE.  
 Ascend 112 ft., over SW. slope.  
 17.30 Spur, slopes SE.  
 Descend 120 ft., over NE. slope.  
 22.15 Gulch, 10 lks. wide, course SE.  
 Ascend 124 ft., over SW. slope.  
 29.00 Spur, slopes SE, Leave mountainous and enter rolling land.  
 Descend 22 ft., over NE. slope.  
 33.70 Ravine, 10 lks. wide, course SE.  
 Ascend 30 ft.  
 37.25 Spur, slopes SE. Leave mountainous, and enter rolling land.  
 Descend 10 ft. over NE. slope, to  
 39.78 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 12  
 ins. in the ground to bed rock, deposit a stone, marked  
 with a cross (X) at base of post, and raise a mound  
 of stone around post for  $\frac{1}{4}$  sec. cor., marked on brass  
 cap,

$\frac{1}{4}$   
 S32 | S33

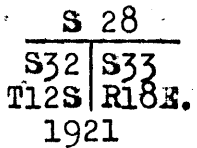
1921



Survey of Part (completion) of Subdivision lines of T.12 S., R.18 E. 31

Chains.

No trees suitable for bearing trees within limits.  
 Ascend 15 ft., over E. slope.  
 45.00 Ascend 40 ft., over SW. slope.  
 55.65 Ridge, brs. NE. and SE.  
 Descend 110 ft., over NW. slope.  
 72.45 Wash, 10 lks. wide, course NW.  
 Ascend 25 ft., over SW. slope, to  
 79.56 Intersect S. bdy. of sec. 28 at a point 2.24 chs. S. 89° 46' E.  
 from the cor. of secs. 28 and 29.  
 At point of intersection, set an iron post, 3 ft. long, 2  
 ins. in diam., 16 ins. in the ground to bed rock, supported  
 in a mound of stone, for cor. of secs. 32 and 33 only,  
 marked on brass cap,

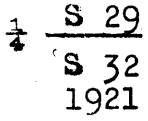


from which,  
 A mesquite, 6 ins. in diam., brs. S. 77° E., 378  
 lks. dist., marked T12S R18E S33 BT.  
 A mesquite, 6 ins. in diam., brs. S. 19° 45' W., 220  
 lks. dist., marked T12S R18E S32 BT.

Land, S. 29 chs., mountainous; remainder, rolling.  
 Soil, gravelly and rocky, 3rd and 4th rate.  
 Timber, mesquite, palo verde and juniper.  
 Undergrowth, ocotillo, catclaw, cactus and Spanish dagger.

-----  
 From the cor. of secs. 29, 30, 31 and 32,  
 S. 89° 46' E., on a true line, on N. bdy. of sec. 32.  
 Over mountainous land, thru. scattering timber and under-  
 growth.

15.70 Descend 315 ft., over E. slope.  
 Ravine, 10 lks. wide, course NE.  
 Ascend 45 ft., over NW. slope.  
 22.10 Spur, slopes NE.  
 Descend 170 ft., over SE. slope.  
 37.70 Wash, 15 lks. wide, course N. from SW.  
 Ascend 80 ft., over W. slope, to  
 39.91 (Midpoint of N. bdy. of sec. 32), Set an iron post, 3 ft. long,  
 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. of  
 secs. 29 and 32, marked on brass cap,



No trees suitable for bearing trees within limits.  
 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
 Ascend 22 ft., over W. slope.  
 41.76 Spur, slopes NW.  
 Descend 23 ft. to  
 46.45 Spur, slopes NE.  
 Descend 100 ft., over SE. slope.  
 53.60 Ravine, course NE. Leave mountainous, and enter hilly and  
 and rolling land.  
 Ascend 47 ft.  
 58.36 Spur, slopes NE.  
 Descend 66 ft.  
 58.71 Fence brs. NE and SW.  
 63.86 Wash, 20 lks. wide, course N.  
 Ascend 35 ft., over SW. slope, to  
 77.58 The cor. of secs. 28 and 29.  
 Ascend 5 ft., over SW. slope, to  
 79.82 The cor. of secs. 32 and 33.  
 Land, W. 53½ chs., mountainous; remainder, hilly and roll-  
 ing.

BOOK 3579

32. Survey of part (completion) of Subdivision lines of T.12 S., R.18 E.  
Chains.

Soil, gravelly and rocky, 3rd and 4th rate.  
Timber, mesquite and juniper.  
Undergrowth, catclaw, ocotillo and Spanish dagger.

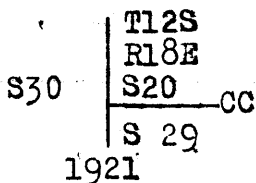
From the  $\frac{1}{4}$  sec. cor. of sec. 20,  
West, on a true line, on S. bdy. of sec. 20 (W.  $\frac{1}{2}$ ).  
Over hilly and rolling land, thru. scattering undergrowth.  
Ascend 80 ft., over NE. slope.

3.60 Top of ascent.  
Descend 42 ft., over SW. slope.

6.00 Small draw, course S.  
Ascend 100 ft., over broken SE. slope.

24.00 Spur, slopes NE.  
Descend 40 ft., over NW. slope.

33.80 Ravine, course NE.  
Ascend 50 ft., to  
37.80 (40.00 chs. westing from  $\frac{1}{4}$  sec. cor. of sec. 29) Intersect  
the E. bdy. of sec. 30 at a point 2.00 chs. S.  $0^{\circ}01'W.$  from  
the cor. of secs. 19 and 30.  
At point of intersection, set an iron post, 3 ft. long, 2 ins.  
in diam., 20 ins. in the ground to bed rock, deposit a  
stone, marked with a cross (x) at base of post, and  
raise a mound of stone around post for closing cor. of  
secs. 20 and 29, marked on brass cap,



Land, hilly and rolling.  
Soil, gravelly and rocky, 3rd rate.  
Timber, none.  
Undergrowth, ocotillo, mesquite, and catclaw.

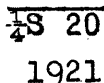
From the cor. of secs. 16, 17, 20 and 21,  
West, on a random line, bet. secs. 17 and 20,  
40.00 Set temp.  $\frac{1}{4}$  sec. cpr.  
76.70 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 17  
and 20.  
Thence,  
N.  $89^{\circ}53'E.$ , on a true line, bet. secs. 17 and 20.  
Over mountainous land, thru. scattering timber and under-  
growth.

4.00 Descend 41 ft., over NE. slope.  
Ravine, course SE.

13.70 Descend 143 ft., over S. slope, to  
Spur, slopes SE.

26.00 Descend 165 ft., over NE. slope.  
Ravine, course NW., heads 1.00 ch. SE.

36.70 Ascend 87 ft., over SW. and W. slopes, to  
(40.00 chs. westing from cor. of secs. 16, 17, 20 and 21) Set  
an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor. of sec. 20 only, marked on brass  
cap,



No trees suitable for bearing trees available. Raise a  
mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
Ascend 9 ft., over W. slope.

38.20 Spur, slopes NW.  
Descend 39 ft., over NE. slope, to

Survey of part(completion)of Subdivision lines of T.12 S.,R.18 E. 33

Chains.

40.00 Set an iron post, 3 ft.long, 1 in. in diam., 27 ins. in the ground for 1/4 sec. cor. of sec.17 only,marked on brass cap,

1/4 S 17  
1921

No trees suitable for bearing trees available.  
Raise a mound of stone, 2 ft. base, 1 1/2 ft.high,N.of cor. Descend 380 ft., over NE.slope.

59.25 Wash,50 lks.wide, course NW.  
Ascend 180 ft.,over SW. and S.slopes; to

76.70 The cor.of secs. 16,17,20 and 21.  
Land, mountainous.  
Soil,gravelly,2nd and 3rd rate.  
Timber, mesquite, palo verde and saguaro.  
Undergrowth, catclaw. ocotillo and greasewood.

North, bet.secs.16 and 17.  
Over mountainous land, thru. scattering undergrowth.  
Ascend 79 ft., over S.slope.

3.30 Top of knoll.  
Descend 375 ft., over N.slope.

28.30 Wash,50 lks.wide, in bottom of canyon, course NE.  
Ascend 168 ft.,over SE.slope,to

40.00 Set an iron post, 3 ft.long, 1 in. in diam.,16 ins.in the ground to bed rock, deposit a stone,marked with a cross (x) at top of post,and raise a mound of stone around post for 1/4 sec.cor.,marked on brass cap,

S17 | S16  
1921

from which,  
A boulder,4x4x2 ft. above ground,brs.S.22°W., 5 lks.dist., marked cross (x)and 30 above cross.

43.40 Ascend 48 ft.,to  
Top of hill.  
Descend 87 ft.,over N.slope.

49.00 Draw, course SE.  
Ascend 40 ft.,to

51.90 Spur,slopes SE.  
Descend 47 ft.

58.90 Ascend 25 ft.

62.30 Spur,slopes SE.  
Descend 210 ft.,over NW.slope.

74.43 Wash,50 lks.wide, course NE.  
Ascend 34 ft.,to

80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.in the ground for cor. of secs.16 and 17 only, marked on brass cap,

S 8  
S17 | S16  
T12S | R18E  
1921

Raise a mound of stone,2 ft.base,1 1/2 ft.high,S. of cor.  
Land, mountainous.  
Soil,rocky,4th rate.  
Timber,none.  
Undergrowth, scrub palo verde.

-----  
Cor. of secs. 16 and 17,  
1921

BOOK 3579

34 Survey of part(completion)of Subdivision lines of T.12 S. R.18 E.

Chains.

From cor. of secs. 16 and 17,  
 S. 89°56'E., on a random line on N. bdy. of sec. 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.34 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15  
 and 16.  
 Thence,  
 West, on a true line on N. bdy. of sec. 16.  
 Over rolling land, thru. scattering undergrowth.  
 Ascend 31 ft., over NE. slope.  
 7.50 Point of spur, slopes NE.  
 Descend 19 ft.  
 10.50 Wash, 50 lks. wide, course NE.  
 Ascend 100 ft., to  
 20.50 Spur, slopes NE.  
 Ascend 30 ft., to  
 32.00 Ridge, brs. N. and S.  
 Descend 44 ft., over W. slope.  
 35.40 Wash, 50 lks. wide, course NE.  
 Ascend 52 ft., over SE. slope, to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor. of secs. 9 and 16, marked on  
 brass cap,

$\frac{1}{4}$  S 9  
 S 16  
 1921

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
 Ascend 10 ft., over SE. slope.  
 41.00 Spur, slopes NE.  
 Descend 25 ft.  
 43.25 Wash, 10 lks. wide, course NE.  
 Ascend 60 ft., over NE. slope.  
 53.00 Edge of mesa, brs. NE and SW. Thence across nearly level  
 mesa.  
 58.00 Leave mesa, and descend 52 ft., over NW. slope.  
 63.00 Ascend 88 ft., over NE. slope.  
 70.50 Spur, slopes NE.  
 Descend 34 ft.  
 73.00 Wash, 30 lks. wide, course NE.  
 Ascend 25 ft. over SE. slope, to  
 75.99 (80.00 chs. easting from cor. of secs. 8 and 17) Set an iron  
 post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground,  
 for cor. of secs. 8 and 9 only, marked on brass cap,

T12S | R18E  
 S 8 | S 9  
 S 16  
 1921

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
 Ascend 26 ft., over SE. and S. slopes, to  
 79.34 The cor. of secs. 16 and 17.  
 Land, rolling.  
 Soil, rocky, 3rd rate.  
 Timber, none.  
 Undergrowth, scrub palo verde and greasewood.

From cor. of secs. 16 and 17,  
 S. 89°53'W., on a random line, on N. bdy. of sec. 17.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 76.65 (80.00 chs. westing from cor. of secs. 8 and 9,) Intersect N.  
 and S. line, 12 lks. S. of the true point for cor. of secs.  
 8 and 17.  
 Thence,  
 N. 89°58'E., on a true line, on N. bdy. of sec. 17.

Survey of part (completion) of Subdivision lines of T.12 S., R.18 E. 35

Chains.

Over mountainous land, thru. scattering timber and undergrowth.

.60 Ascend 30 ft., over steep SW. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bed rock, deposit a stone, marked with a cross (x) at base of post, and raise a mound of stone, around post for witness cor. to the cor. of secs. 8 and 17, marked on brass cap,

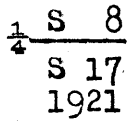


12.50 No trees suitable for bearing trees within limits. Ascend 210 ft., over SW. slope.

38.70 Ridge, brs. NE. and SW. Descend 370 ft., over SE. slope.

40.00 Ravine, course SE. Ascend 23 ft., to

Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone around post, for 1/4 sec. cor., marked on brass cap,



from which,

A limestone boulder, 3x2x1 ft. above ground, brs, N. 20 1/2° W., 13 lks. dist., marked cross (x) and BO above cross.

43.00 No trees suitable for bearing trees within limits. Ascend 17 ft., over SW. slope.

50.80 Spur, slopes SE. Descend 86 ft., over NE. slope.

67.50 Ravine, course SE. Ascend 44 ft., over broken SE. slope, to

76.65 Descend 84 ft., over S. slope, to The cor. of secs. 16, and 17.

Land, mountainous. Soil, gravelly and rocky, 3rd rate. Timber, palo verde, mesquite and saguaro. Undergrowth, greasewood, catclaw, cactus and ocotillo.

-----  
From the cor. of secs. 8 and 9, N. 0° 01' E., bet. secs. 8 and 9. Over rolling land, thru. scattering timber and undergrowth.

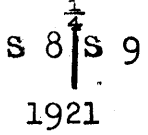
11.90 Ascend 102 ft., over S. slope. Point of spur, slopes SE.

21.60 Descend 100 ft., over N. slope. Wash, 20 lks. wide, course NE.

30.30 Ascend 140 ft., over SE. slope, to Spur, slopes NE.

35.80 Descend 60 ft., over N. slope. Descend slightly over E. slope, to

40.00 Mark a cross (x) on rock ledge at exact cor. point, and over same, set an iron post, 3 ft. long, 1 in. in diam., supported in a mound of stone, for 1/4 sec. cor., marked on brass cap,



No trees suitable for bearing trees within limits.

36 Survey of Part(completion)of Subdivision lines of T.12 S.,R.18 E.

Chains.	<p>Descend 95 ft., over E. slope, to Point of spur, slopes NE.</p> <p>51.82 Descend 51 ft., over NE. slope.</p> <p>56.25 Wash, 10 lks. wide; course SE. Ascend 49 ft., over S. slope.</p> <p>74.00 Ridge, brs. E. and W. Descend 15 ft., over N. slope.</p> <p>77.00 Wash, 10 lks. wide, course NE. Leave rolling, and enter mountainous land.</p> <p>80.00 Ascend 70 ft., over SW. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 4, 5, 8 and 9, marked on brass cap,</p> <div style="text-align: center;"> <table border="1"> <tr><td>T12S</td><td>R18E</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td>S 8</td><td>S 9</td></tr> </table> <p>1921</p> </div> <p>No trees suitable for bearing trees within limits. Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, cedar. Undergrowth, scrub palo verde and greasewood.</p> <hr/> <p>36.00 East, on a random line, bet. secs. 4 and 9. Set temp. ¼ sec. cor.</p> <p>76.12 Intersect N. and S. line, 26 lks. S. of the cor. of secs. 3, 4, 9 and 10.</p> <p>Thence, S. 89° 49' W., on a true line, bet. secs. 4 and 9. Over rolling land, thru. scattering timber and undergrowth.</p> <p>2.50 Ascend 30 ft., over E. slope. Ridge, brs. N. and S.</p> <p>11.00 Descend 170 ft., over W. slope, to Foot of descent, brs. N. and S. Enter nearly level bottom land.</p> <p>18.15 Wash, 60 lks. wide, course NE.</p> <p>21.15 Leave nearly level bottom land. Ascend 130 ft., over SE. slope.</p> <p>31.46 Spur, slopes NE. Descend 100 ft., over NW. slope.</p> <p>35.60 Gulch, course NE. Ascend 85 ft., over SE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,</p> <div style="text-align: center;"> <table border="1"> <tr><td>¼ S</td><td>4</td></tr> <tr><td>S</td><td>9</td></tr> </table> <p>1921</p> </div> <p>No trees suitable for bearing trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Ascend 150 ft., over broken E. slope.</p> <p>56.70 Spur, slopes NE. Descend 70 ft., over NW. slope.</p> <p>60.85 Gulch, course NE. Leave rolling and enter mountainous land.</p> <p>75.00 Ascend 206 ft., over E. slope. Spur, slopes SE.</p> <p>76.12 Descend 20 ft., over SW. slope, to The cor. of secs. 4, 5, 8 and 9. Land, rolling. Soil, rocky, 3rd rate. Timber, palo verde, mesquite and saguaro. Undergrowth, greasewood, ocotillo, catclaw and cactus.</p>	T12S	R18E	S 5	S 4	S 8	S 9	¼ S	4	S	9
T12S	R18E										
S 5	S 4										
S 8	S 9										
¼ S	4										
S	9										

Survey of part(completion)of Subdivision lines of T.12 S., R.18 E. 37

Chains.

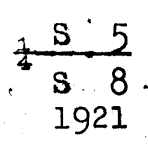
40.00 S.89°58'W., on a random line, bet. secs.5 and 8.  
Set temp. 1/4 sec.cor.

80.00 Intersect N.and S.line., 7 lks.S.of the cor. of secs.5 and 8.  
Thence,  
S.89°59'E., on a true line, bet. secs.5 and 8.  
Over mountainous land, thru. scattering timber and undergrowth.

4.00 Descend 75 ft., over NE. slope.  
Bottom of Buehman Canyon, 3.00 chs.wide, course NW.

20.60 Ascend 550 ft., over steep W.slope, to  
Rim of canyon, brs.N.and S.

40.00 Descend 210 ft., over SE.slope, to  
Mark a cross (x) at exact cor.point on solid rock, and over same, set an iron post, 3 ft.long, 1 in. in diam., supported in a mound of stone, for 1/4 sec.cor., marked on brass cap,



No trees suitable for bearing trees within limits.

41.00 Descend 12 ft., over SE.slope, to  
Gulch, 20 lks.wide, course NE.

46.75 Ascend 150 ft., over NW.slope.  
Point of spur, slopes NE.

58.55 Descend 82 ft. over NE.slope.  
Ravine, course NW.

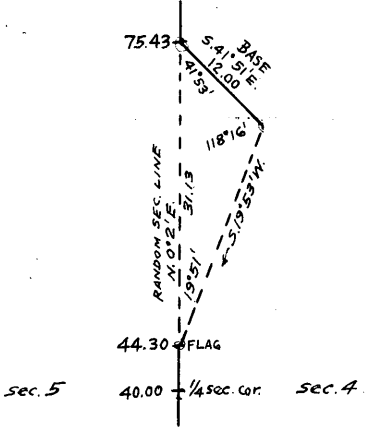
64.60 Ascend 120 ft., over SW.slope.  
Ridge, brs.SE.and NW.

75.70 Descend 170 ft., over NE.slope.  
Ravine, course SE.

80.00 Ascend 45 ft., over SW.slope, to  
The cor.of secs.4,5,8 and 9.  
Land, mountainous.  
Soil, rocky, 3rd rate.  
Timber, juniper and palo verde.  
Undergrowth, greasewood, ocotillo, Spanish dagger and cactus.

40.00 N.0°02'E., on a random line, bet. secs.4 and 5.  
Set temp. 1/4 sec.cor.

44.30 Beyond this point, the line crosses Buehman Canyon, and chaining is impracticable; therefore, triangulate as described as follows, and as shown on the diagram hereon:



Leave flag at 44.30 ch. station on random sec. line.

Proceed to point ahead on sec. line on opposite side of canyon, and measure a Base, S.41° 51'E., 12 chs. along top of a spur.

From SE. end of base, flag brs. S.19°53'W.

Included angles of the triangle are 118°16', 19°51' and 41°53' the sum of which is 180°00'.

Triangulated measurement on sec. line is obtained by

$$\frac{\text{side } 118^{\circ}16' \times \text{Base}}{\text{side } 19^{\circ}51'} \quad \text{or} \quad \frac{88075 \times 12.00}{.33956} = 31.13 \text{ chs.},$$

which, added to 44.30 chs. gives 75.43 chs., N.0°2'E., from cor. of secs. 4, 5, 8 and 9, for the position of the triangulation point on random sec. line, on N. side of canyon.

BOOK 3579

38 Part (completion) of the Subdivision lines of T.12 S., R.18 E.

Chains.	
75.43	Triangulation point. Continue line and measurement by chaining.
79.66	Intersect the cor. of secs. 4 and 5 on N. bdy. of Tp., here- inbefore described, Thence, S. 0° 02' W., on a true line, bet. secs. 4 and 5. Over mountainous land, thru. scattering undergrowth. Ascend 37 ft., over NE. slope, to
4.23	Triangulation point on spur, slopes SE. Discontinue chaining, and triangulate across Buehman Canyon, about 350 ft. deep.
17.50	(Approx.) Spur, slopes SE. Descend over very precipitous cliffs. to
31.30	(Approx.) Bottom of Buehman Canyon, containing a small stream of running water, course E. Ascend about 150 ft. to
35.36	Triangulation point on rocky spur, sloping NE. Descend 65 ft., over SE. slope.
38.43	Bottom of gulch, 20 lks. wide, course NE. Ascend 20 ft., over N. slope, to
39.66	Mark a cross (x) on bed rock, at exact cor. point, and over same set an iron post, 3 ft. long, 1 in. in diam., supported in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 5   S 4 1921
41.42	Ascend 366 ft. over N. and NW. slopes to
57.20	Ascend 275 ft. over E. slope, to Top of ascent on W. side of hills, the top of which hrs. W. about 3 mi. dist. Descend 60 ft., over W. and SW. slopes
69.15	Descend 50 ft., over E. slope, to
76.00	Spur, slopes SE. Descend 71 ft., over SW. slope, to
79.66	The cor. of secs. 4, 5, 8 and 9. Land, mountainous. Soil, rocky, 4th-rate. Timber, none. Undergrowth, scrub palo verde, ocotillo, greasewood and Spanish dagger.

The continued satisfactory adjustment of the instrument throughout  
the survey of this township is indicated from field  
tests as given in Book "C."



Boundaries of the Portion of T.12 S.,  
R.18 E., surveyed under present  
Assignment.

BOOK 3579

Latitudes, Departures and Closing Errors.						
Line designated.	True bearing.	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
S. Boundary	West	240.47				240.47
W. Boundary	North	477.90	477.90			
N. Boundary	East	236.25			236.25	
Subdivisional Bdy.	S.0°07'W.	79.78		79.78		.16
	S.0°04'W.	80.26		80.26		.09
	S.0°35'E.	80.14		80.14	.81	
	N.89°56'W.	80.16	.09			80.16
	S.0°24'E.	80.24		80.24	.56	
	S.89°47'E.	40.00		.15	40.00	
	N.89°52'E.	40.58	.09		40.58	
	S.1°00'E.	78.76		78.76	1.38	
	S.0°20'E.	79.50		79.50	.46	
Convergency	-----	-----	-----	-----	.22	
Totals.			478.08	478.83	320.26	320.88
				478.08		320.26
	Error in latitude	-----		0.75		
	Error in departure	-----				0.62

GENERAL DESCRIPTION

The surface of the portion of T.12 S., R.18 E., surveyed under this assignment is rolling, broken and mountainous. The elevation ranges from about 3000 ft. in sec. 4 to about 4700 ft. in sec. 31.

There is very little timber of any kind. On the higher portions is some scattering mesquite and palo verde. A few sycamore, willow and alder are found along Buehman Canyon.

The undergrowth is principally greasewood, ocotillo, spanish dagger and catclaw. There is a fair growth of grass.

Buehman Canyon contains an intermitent stream of water, which is the only water in the township.

No indication of valuable mineral deposits were found. C.C.Parker has a homestead in sec. 7.



BOOK 3579

42

## CERTIFICATE OF UNITED STATES SURVEYOR.

I, F. W. Chapin, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 103, Arizona bearing date of the 9th day of October, 1919, 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 boundary and Subdivision lines and surveyed all those parts or portions of the North boundary, West boundary and Subdivision lines of Township 12 South, Range 18 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes <sup>and by diagram on page 1 hereof</sup> as having been executed by me, and under my direction; and that all the corners of <sup>said resurvey and</sup> ~~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 103, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such <sup>survey and survey.</sup>

Place: Phoenix, Arizona,Date: June 30, 1923.

F. W. Chapin  
U. S. Surveyor.

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona JAN ' 5 1924, 192

The foregoing field notes of the <sup>re</sup> survey of part of the North boundary and part of the Subdivision lines and of the Survey of Part (Completion) of the North boundary, All of the West boundary and Part (Completion) of the Subdivision lines of Township 12 South, Range 18 East of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by F. W. Chapin, U. S. Surveyor

under his special instructions dated Oct. 9, 1919 for Group 103, Arizona, 101, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the <sup>re</sup> surveys <sup>and surveys</sup> they describe, are hereby approved.

Frank R. 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.~~