

"H"

4-679

BOOK 3455

AUG 19 1921

## FIELD NOTES

OF THE RESURVEY OF THE

*North Boundary*

AND OF THE SURVEY OF THE

*South Boundary,**West Boundary*

and

*Subdivision Lines of**Fractional Township 11 South, Range 23 West*Of the *Gila and Salt River Base and Meridian,*In the State of *Arizona*

EXECUTED BY

*William H. Thorn, U.S. Cadastral Engineer*

and

*William D. Wilson, Temporary U.S. Transitman*

In the capacity of U. S. Surveyor *S.*, under Special Instructions dated *March 10*, 1919,  
 issued by the United States Surveyor General to govern surveys included in Group  
 No. *95*, which were approved by the Commissioner of the General Land  
 Office, *May 13*, 1919, and Assignment Instructions dated *Jan. 6*, 1920.

*Resurvey and* Survey commenced *March 11*, 1920.

*Resurvey and* Survey completed *March 27*, 1920.

1A

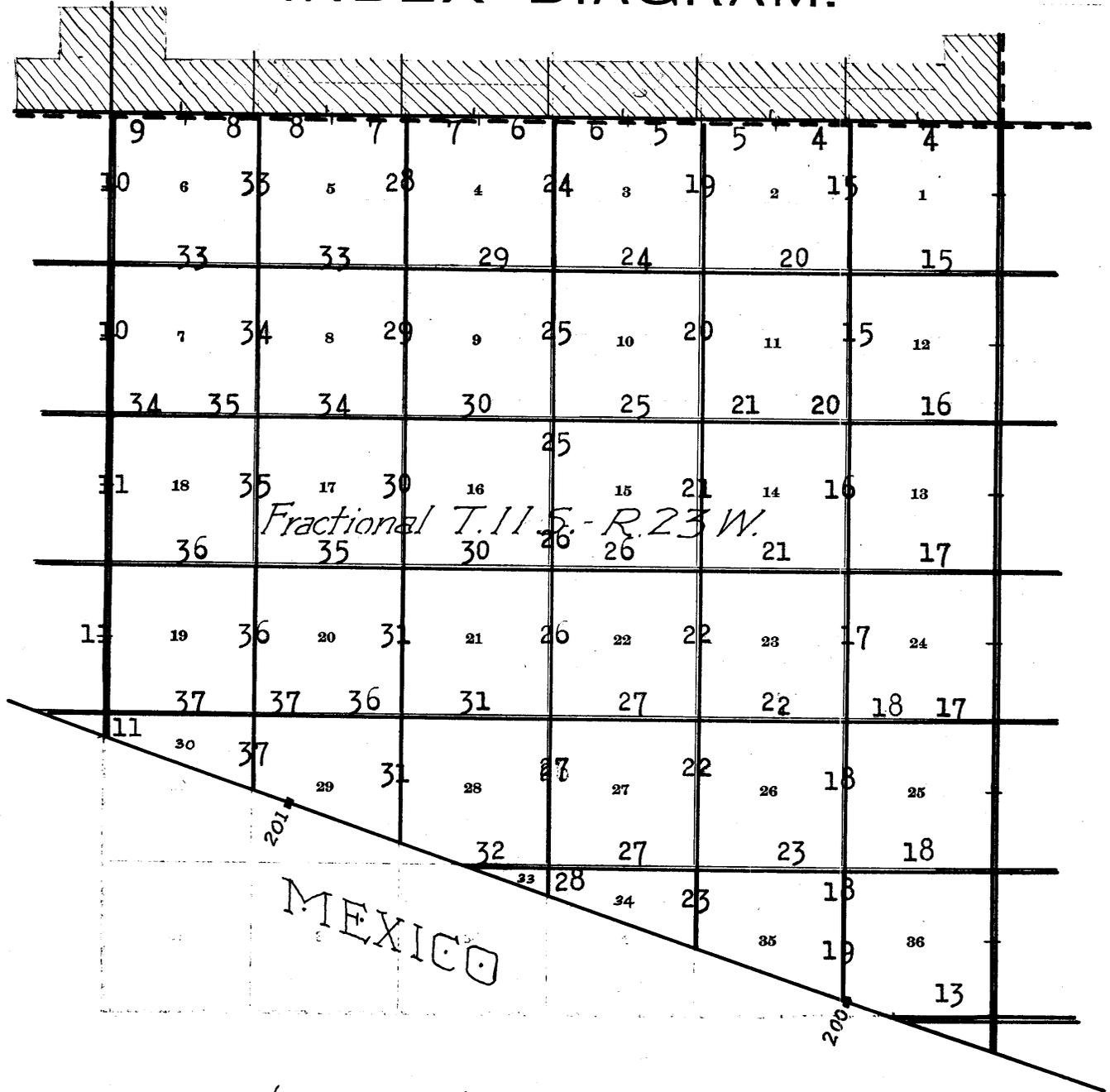
BOOK 3455

Book "H"

Group 95 - - - - Arizona.

Township 11 South, Range 23 West.

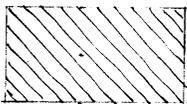
### INDEX DIAGRAM.



— Lines surveyed under this group.

- - - Lines resurveyed under this group.

— Accepted surveys.



Areas surveyed as per accepted plats on file.

Book "H"  
 Group 95 - - - - Arizona.  
 Fracl. Township 11 South, Range 23 West.

DATE DIAGRAM.

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

For dates of execution of survey of this line see Book "F."

International Boundary

Black lines indicate surveys by William H. Thorn, U.S. Cadastral Engineer, on dates shown thereon.

Red lines indicate surveys by William D. Wilson, Temporary U.S. Transitman, on dates shown thereon.

Resurveys and surveys hereinafter described executed by William H. Thorn, U. S. Cadastral Engineer, and William D. Wilson, Temporary U. S. Transitman, on dates shown on diagram on page 1 hereof, using respectively Young and Sons' light mountain transits Nos. 8592 and 8148. For description of instruments and certificate of approval, see Book "A".

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

We examine the adjustments of the transits and correct all errors; then, to test the solar apparatus, by comparing their indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris at elongation, we proceed as follows:

March 20, 1920. At our camp near the NW. cor. of sec. 9, T. 11 S., R. 23 W., G. and S. R. B. and M., lat.  $32^{\circ}29'N.$ , long.  $114^{\circ}38'W.$ , at 7 hrs. 35 m., p.m., l.m.t., we observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack in a stake, firmly driven in the ground, 5 chs. N. of our station.

March 21, 1920. At 8 hrs. 0 m., a.m., l.m.t., we lay off the azimuth of Polaris,  $1^{\circ}19\frac{1}{2}'$  to the east, and mark the true meridian thus determined by a tack in a stake, firmly driven in the ground, 5 chs. N. of our station.

At 9 hrs. 0 m., a.m., l.m.t., we set off  $32^{\circ}29'N.$  on the lat. arcs;  $0^{\circ}19'N.$  on the decl. arcs; and determine a meridian with each solar, which in each case agrees with the true meridian.

At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian; the resulting decl. with each solar is  $0^{\circ}22'N.$ , which is the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arcs unchanged, we set off  $0^{\circ}25'N.$  on the decl. arcs, and determine a meridian with each solar, which in each case agrees with the true meridian.

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

Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

The North Boundary of Fractional T. 11 S., R. 23 W. was surveyed in January 1874 by Theo. F. White, U. S. D. S. No subsequent retracement or resurvey of this boundary is of record in this office, but the United States Reclamation Service has retraced this boundary and perpetuated some of the original cors. with 4 X 4 in. redwood posts, which are hereinafter described.

RETRACEMENT FOR RESURVEY.

40.00 From the reestablished cor. of Ts. 10 and 11 S., Rs. 22 and 23 W., described in Book "B", West on retracement, along the S. bdy. of sec. 36. Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor.  
80.77 Fall 99 lks. N. of the original cor. of secs. 1, 2, 35 and 36, hereinafter described. The true course and distance of this mile are therefore S.89°18'W., 80.78 chs.

40.00 From the cor. of secs. 1, 2, 35 and 36, West on retracement, along the S. bdy. of sec. 35. Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor.  
79.93 Fall 111 lks. N. of the original cor. of secs. 2, 3, 34 and 35, hereinafter described. The true course and distance of this mile are therefore S.89°12'W., 79.94 chs.

40.54 From the cor. of secs. 2, 3, 34 and 35, West on retracement, along the S. bdy. of sec. 34 (E. 1/2) Fall 44 lks. N. of the original 1/4 sec. cor., hereinafter described. The true course and distance of this half mile are therefore S.89°23'W., 40.54 chs.

40.07 From the 1/4 sec. cor., West on retracement, along the S. bdy. of sec. 34 (W. 1/2) Fall 107 lks. S. of cor. of secs. 3, 4, 33 and 34, perpetuated as hereinafter described. The true course and distance of this half mile are therefore N.88°28'W., 40.08 chs.

40.14 From the cor. of secs. 3, 4, 33 and 34, West on retracement, along the S. bdy. of sec. 33 (E. 1/2) Fall 17 lks. N. of the 1/4 sec. cor., perpetuated as hereinafter described. The true course and distance of this half mile are therefore S.89°45'W., 40.14 chs.

40.14 From the 1/4 sec. cor., West on retracement, along the S. bdy. of sec. 33 (W. 1/2) Fall 20 lks. N. of the cor. of secs. 4, 5, 32 and 33, perpetuated as hereinafter described. The true course and distance of this half mile are therefore S.89°43'W., 40.14 chs.

40.62 From the cor. of secs. 4, 5, 32 and 33, West on retracement, along the S. bdy. of sec. 32 (E. 1/2) Fall 6 lks. S. of the 1/4 sec. cor., perpetuated as hereinafter described. The true course and distance of this half mile are therefore N.89°55'W., 40.62 chs.

40.62 From the 1/4 sec. cor., West on retracement, along the S. bdy. of sec. 32 (W. 1/2) Fall 9 lks. S. of the cor. of secs. 5, 6, 31 and 32, perpetuated as hereinafter described. The true course and distance of this half mile are therefore N.89°52'W., 40.62 chs.

41.23 From the cor. of secs. 5, 6, 31 and 32, West on a random line, along the S. bdy. of sec. 31 (E. 1/2) Fall 9 lks. S. of the 1/4 sec. cor., perpetuated as hereinafter described.

## 4 Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

The true course and distance of this half mile are therefore N.89°52'W., 41.23 chs.

- 41.23 From the  $\frac{1}{4}$  sec. cor.,  
West on retracement, along the S. bdy. of sec. 31. (W.  $\frac{1}{2}$ )  
Fall 9 lks. S. of the cor. of Ts. 10 and 11 S., Rs. 23 and 24 W., perpetuated as hereinafter described.  
The true course and distance of this half mile are therefore N.89°52'W., 41.23 chs.

## RESURVEY.

- 40.00 From the reestablished cor. of Ts. 10 and 11 S., Rs. 22 and 23 W., described in Book "B",  
S.89°18'W. on a true line, along the N. bdy. of sec. 1.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 1, T. 11 S., R. 23 W., marked on brass cap.

TS 1  
1920

- 40.39 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 36, T. 10 S., R. 23 W., marked on brass cap

TS 36

1920

- 80.01 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
(80.00 chs. westing from the reestablished cor. of Ts. 10 and 11 S., Rs. 22 and 23 W.) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 1 and 2, T. 11 S., R. 23 W., marked on brass cap

T10S R23W

S 36

S 2 | S 1

T11S | R23W

1920

Dig pits, 18 X 18 X 12 ins., in each sec., SE. and SW. of post, 3 ft. dist.  
Land, level.  
Soil, rocky and sandy, 3rd rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

- 0.77 S.89°18'W., on a true line, along the N. bdy. of sec. 2.  
Over level land, through scattering undergrowth.  
(80.78 chs. S.89°18'W. of the reestablished cor. of Ts. 10 and 11 S., Rs. 22 and 23 W.) Intersect the original cor. of secs. 1, 2, 35 and 36, which is a mesquite stake, 3 X 3 X 12 ins. above ground, well preserved and properly marked. I alter the markings on this post to refer to secs. 35 and 36 only. Alongside  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 35 and 36, T. 10 S., R. 23 W., marked on brass cap

Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

T10S	R23W
<u>S35</u>	<u>S36</u>
S 2	
T11S	R23W
1920	

Dig pits, 18 X 18 X 12 ins., in each sec., NE. and NW. of post, 3 ft. dist.

Thence S.89°12'W. continuing measurement, along the N. bdy. of sec. 2.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 2, T. 11 S., R. 23 W., marked on brass cap

<u><math>\frac{1}{4}</math>S 2</u>
1920

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

40.74 (39.97 chs. S.89°12'W. of the reestablished cor. of secs. 35 and 36, T. 10 S., R. 23 W.) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 35, T. 10 S., R. 23 W., marked on brass cap

<u><math>\frac{1}{4}</math>S35</u>
1920

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

80.01 (80.00 chs. westing from the reestablished cor. of secs. 1 and 2, T. 11 S., R. 23 W.) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 2 and 3, T. 11 S., R. 23 W., marked on brass cap

T10S	R23W
<u>S35</u>	
S 3	S 2
T11S	R23W
1920	

Dig pits, 18 X 18 X 12 ins., in each sec., SE. and Sw. of post, 3 ft. dist.

Land, level.

Soil, sandy, 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

0.70 S.89°12'W. on a true line, along the N. bdy. of sec. 3. Over nearly level land, through scattering undergrowth. (39.97 chs. S.89°12'W. of the reestablished  $\frac{1}{4}$  sec. cor. of sec. 35, T. 10 S., R. 23 W.) Intersect the original cor. of secs. 2, 3, 34 and 35, which is a mesquite stake, 3 X 3 X 12 ins. above ground, well preserved and properly marked. I alter the markings on this post to refer to secs. 34 and 35 only. Alongside Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 34 and 35, T. 10 S., R. 23 W., marked on brass cap

T10S	R23W
<u>S34</u>	<u>S35</u>
S 3	
T11S	R23W
1920	

## Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.	Dig pits, 18 X 18 X 12 ins., in each sec., NE. and NW. of post, 3 ft. dist.
40.00	Thence S.89°23'W. on a true line, continuing measurement, along the N. bdy. of sec. 3. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 3, T. 11 S., R. 23 W., marked on brass cap
	$\begin{array}{r} \frac{1}{4}S\ 3 \\ \hline 1920 \end{array}$
41.24	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. (40.54 chs. S.89°23'W. of the reestablished cor. of secs. 34 and 35, T. 10 S., R. 23 W.) Intersect the original $\frac{1}{4}$ sec. cor., which is a charred stake, 2 ins. square, 8 ins. above ground, well preserved and properly marked. Alongside Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 34, T. 10 S., R. 23 W., marked on brass cap
	$\begin{array}{r} \frac{1}{4}S34 \\ \hline 1920 \end{array}$
80.01	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. Thence N.88°28'W. on a true line, continuing measurement, along N. bdy. of sec. 3. (80.00 chs. westing from the reestablished cor. of secs. 2 and 3, T. 11 S., R. 23 W.) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 3 and 4, T. 11 S., R. 23 W., marked on brass cap
	$\begin{array}{r} T10S\ R23W \\ \hline S34 \\ \hline S\ 4\  S\ 3 \\ \hline T11S\ R23W \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., in each sec., SE. and SW. of post, 3 ft. dist. Land, nearly level. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
1.31	N.88°28'W. on a true line, along the N. bdy. of sec. 4. Over nearly level land, through scattering undergrowth. (40.08 chs. N.88°28'W. of the reestablished $\frac{1}{4}$ sec. cor. of sec. 34, T. 10 S., R. 23 W.) Intersect the cor. of secs. 3, 4, 33 and 34, which is a redwood post, 4 ins. square, appropriately marked, set by the United States Reclamation Service. I alter the markings on this post to refer to secs. 33 and 34 only. Alongside Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 33 and 34, T. 10 S., R. 23 W., marked on brass cap
	$\begin{array}{r} T10S\ R23W \\ \hline S33\  S34 \\ \hline S\ 4 \\ \hline T11S\ R23W \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., in each sec., NE., and NW. of post, 3 ft. dist.

Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

Thence

40.00 S.89°45'W. on a true line, along the N. bdy. of sec. 4, continuing measurement.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 4, T. 11 S., R. 23 W., marked on brass cap

1/4 S 4  
1920

41.45 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 (40.14 chs. S.89°45'W. of the reestablished cor. of secs. 33 and 34, T. 10 S., R. 23 W.) Intersect the  $\frac{1}{4}$  sec. cor. which is a redwood post, 4 ins. square, appropriately marked, set by the United States Reclamation Service. I alter the markings on this post to refer to sec. 33 only. Alongside  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 33, T. 10 S., R. 23 W., marked on brass cap

1/4 S 33  
1920

61.52 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 Thence  
 S.89°43'W. on a true line, along the N. bdy. of sec. 4, continuing measurement.

Intersect a redwood post, 2 ins. square, set by the United States Reclamation for W. 1/16 cor. sec. 33, T. 10 S., R. 23 W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 4 and 5, T. 11 S., R. 23 W., marked on brass cap

T10S R23W  
S 33  
S 5 | S 4  
T11S | R23W  
1920

Dig pits, 18 X 18 X 12 ins., in each sec., SE. and SW. of post, 3 ft. dist.  
 Land, nearly level.  
 Soil, sand, 4th rate.  
 No timber.  
 Undergrowth, sagebrush and greasewood.  
 Fair growth of galletta grass.

1.59 S.89°43'W. on a true line, along the N. bdy. of sec. 5. Over nearly level land, through scattering undergrowth. (40.14 chs. S.89°43'W. of the reestablished  $\frac{1}{4}$  sec. cor. of sec. 33, T. 10 S., R. 23 W.) Intersect the cor. of secs. 4, 5, 32 and 33, which is a redwood post, 4 ins. square, 12 ins. above ground, appropriately marked, set by the United States Reclamation Service. I alter the markings on this post to refer to secs. 32 and 33 only. Alongside  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 32 and 33, T. 10 S., R. 23 W., marked on brass cap

## Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

T10S R23W  
S32 | S33  
 S 5  
 T11S R23W  
 1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE. and NW. of post, 3 ft. dist.

Thence

N.89°55'W., on a true line, along the N. bdy. of sec. 5, continuing measurement.

- 21.89 Intersect the E. 1/16 cor. of sec. 32, T. 10 S., R. 23 W., as set by the United States Reclamation Service.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 5, T. 11 S., R. 23 W., marked on brass cap

1S 5  
 1920

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

- 42.21 (40.62 chs. N.89°55'W. of the reestablished cor. of secs. 32 and 33, T. 10 S., R. 23 W.) Intersect the  $\frac{1}{4}$  sec. cor., which is a redwood post, 4 ins. square, appropriately marked, set by the United States Reclamation Service. I alter the markings on the post to refer to sec. 32 only. Alongside
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 32, T. 10 S., R. 23 W., marked on brass cap

1S32

1920

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

Thence

N.89°52'W. on a true line, along the N. bdy. of sec. 5, continuing measurement.

- 60.94 Intersect the W. 1/16 cor. of sec. 32, T. 10 S., R. 23 W., as set by the United States Reclamation Service.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 5 and 6, T. 11 S., R. 23 W., marked on brass cap

T10S R23W  
S32  
 S 6 | S 5  
 T11S R23W  
 1920

Dig pits, 18 X 18 X 12 ins., in each sec., SE. and SW. of post, 3 ft. dist.

Land, nearly level.

Soil, surface, stony; subsoil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

- 2.83 N.89°52'W. on a true line, along the N. bdy. of sec. 6. Over level land, through scattering undergrowth. (40.62 chs. N.89°52'W. of the reestablished  $\frac{1}{4}$  sec. cor. of sec. 32, T. 10 S., R. 23 W.) Intersect the cor. of secs. 5, 6, 31 and 32, which is a redwood post, 4 ins. square, appropriately marked, set by the United States Reclamation Service. I alter the markings on this post to refer to secs. 31 and 32 only. Alongside

Resurvey of the North Boundary of Fractional T. 11 S., R. 23 W.

Chains.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 31 and 32, T. 10 S., R. 23 W., marked on brass cap

T10S R23W  
S31|S32  
S 6  
T11S R23W  
1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE. and NW. of post, 3 ft. dist.

Thence N.89°52'W. on a true line, along the N. bdy. of sec. 6, continuing measurement.

23.45 Intersect the E. 1/16 cor. of sec. 31, T. 10 S., R. 23 W., as set by the United States Reclamation Service.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 6, T. 11 S., R. 23 W., marked on brass cap

1/4 S 6  
1920

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

44.06 (41.23 chs. N.89°52'W. of the reestablished cor. of secs. 31 and 32, T. 10 S., R. 23 W.) Intersect the 1/4 sec. cor., which is a redwood post, 4 ins. square, 12 ins. above ground, appropriately marked, set by the United States Reclamation Service. I alter the markings on the post to refer to sec. 31 only. Alongside

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 31, T. 10 S., R. 23 W., marked on brass cap

1/4 S31  
1920

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

61.83 Continue line and measurement. Intersect the W. 1/16 cor. of sec. 31, T. 10 S., R. 23 W., as set by the United States Reclamation Service.

85.29 (41.23 chs. N.89°52'W. of the reestablished 1/4 sec. cor. of sec. 31, T. 10 S., R. 23 W.) Intersect the cor. of Ts. 10 and 11 S., Rs. 23 and 24 W., which is a redwood post, 4 ins. square, 14 ins. above ground, appropriately marked, set by the United States Reclamation Service.

Alongside

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of Ts. 10 and 11 S., Rs. 23 and 24 W., marked on brass cap

T10S  
R24W|R23W  
S36|S31  
S 1|S 6  
T11S  
1920

Dig pits, 18 X 18 X 12 ins., N., S., E. and W. of post, 3 ft. dist.

Land, level; drains NW.

Soil, sandy loam, 2nd rate, rocky on surface.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

## Survey of the West Boundary of Fractional T. 11 S., R. 23 W.

Chains.

That part of the International Boundary between United States and Mexico forming the South Boundary of Fractional T. 11 S., R. 23 W. was surveyed in 1854-1856 by William H. Emory, Major First Cavalry, and U. S. Commissioner, and was resurveyed between existing monuments in 1891-1896 under the direction of the International Boundary Commission, headed by J. W. Barlow, Lieutenant Colonel, Corps of Engineers, U. S. A. No further retracement or resurvey is of record in this office.

From the reestablished cor. of Ts. 10 and 11 S., Rs. 23 and 24 W., hereinbefore described,  
South bet. secs. 1 and 6.

38.65 Over level land, through scattering undergrowth.  
(40.00 chs. North of the cor. of secs. 1, 6, 7 and 12, hereinafter described.) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 1 \mid \text{S } 6 \\ \hline 1920 \end{array}$$

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

78.65 (A point due West of the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of Tp.) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, marked on brass cap

$$\begin{array}{c} \text{T11S} \\ \text{R24W} \mid \text{R23W} \\ \hline \text{S } 1 \mid \text{S } 6 \\ \hline \text{S12} \mid \text{S } 7 \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, level; drains N.

Soil, sandy loam, 2nd rate; slightly rocky on surface.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

South bet. secs. 7 and 12.

40.00 Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S12} \mid \text{S } 7 \\ \hline 1920 \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, marked on brass cap

$$\begin{array}{c} \text{T11S} \\ \text{R24W} \mid \text{R23W} \\ \hline \text{S12} \mid \text{S } 7 \\ \hline \text{S13} \mid \text{S18} \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, level.

Soil, N.  $\frac{1}{2}$ , 3rd rate; S.  $\frac{1}{2}$ , 4th rate.

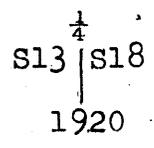
Survey of the West Boundary of Fractional T. 11 S., R. 23 W.

Chains.

No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

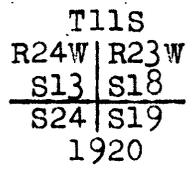
40.00

South bet. secs. 13 and 18.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



80.00

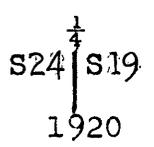
Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, level.  
Soil, drifting sand, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of gallettagrass.

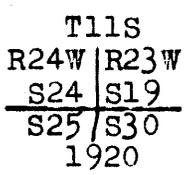
40.00

South bet. secs. 19 and 24.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



80.00

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, level.  
Soil, drifting sand, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

South bet. fractional secs. 25 and 30.  
Over nearly level land, through scattering undergrowth.

## Survey of the West Boundary of Fractional T. 11 S., R. 23 W.

Chains.

4.68

Intersect 60 ft. International Boundary Reserve, which  
 brs. N.70°23'W. and S.70°23'E.

At the point of intersection, set an iron post, 3 ft. long,  
 2 ins. diam., 24 ins. in the ground, for Boundary Reserve  
 closing cor. of fractional secs. 25 and 30, marked on  
 brass cap

T11S	
R24W	R23W
S25	S30
C	C
IBR	
1920	

5.65

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
 Intersect the International Boundary between United States  
 and Mexico, 122.65 chs. S.70°23'E. of International  
 Boundary Monument No. 202 and 112.74 chs. N.70°23'W.  
 of International Boundary Monument No. 201. Both these  
 monuments are similar in all respects to Boundary Mon-  
 ument No. 198, described in Book "E".

At the point of intersection,  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
 ground, for closing cor. of fractional Ts. 11 S., Rs.  
 23 and 24 W., marked on brass cap

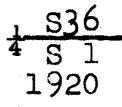
T11S	
R24W	R23W
S25	S30
U	S
C	C
MEXICO	
1920	

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
 Land, nearly level.  
 Soil, sand, 4th rate.  
 No timber.  
 Undergrowth, sagebrush and greasewood.  
 Fair growth of galletta grass.

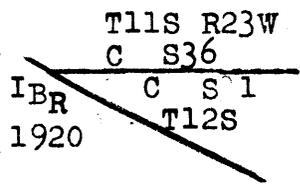
Survey of the South Boundary of Fractional T. 11 S., R. 23 W.

Chains.

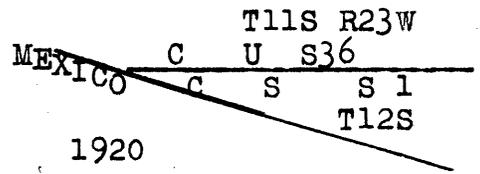
40.00 From the cor. of Ts. 11 and 12 S., Rs. 22 and 23 W., described in Book "F", West on a trueline, bet. fractional secs. 1 and 36. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



50.25 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. Intersect 60 ft. International Boundary Reserve, which brs. N.70°20 $\frac{1}{2}$ 'W. and S.70°20 $\frac{1}{2}$ 'E. At the point of intersection, Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for Boundary Reserve Closing cor. of fractional secs. 1 and 36, marked on brass cap



52.96 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Intersect the International Boundary between United States and Mexico, 347.74 chs. N.70°20 $\frac{1}{2}$ 'W. of International Bdy. Monument No.199 and 27.94 chs. S.70°20 $\frac{1}{2}$ 'E. from Monument No.200. At the point of intersection, Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for closing cor. of fractional Ts. 11 and 12 S., R. 23 W., marked on brass cap



Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Land, level. Soil, sandy, 3rd rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.

Boundaries of Fractional T. 11 S., R. 23 W.  
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
		chs.	chs.	chs.	chs.	chs.
South Boundary	West.	52.96				52.96
International Boundary.	N.70°20½'W.	27.94	9.40			26.31
	N.70°23'W.	431.38	144.83			406.34
West Boundary	North.	324.30	324.30			
North Boundary.	S.89°52'E.	123.08		.29	123.08	
	S.89°55'E.	40.62		.06	40.62	
	N.89°43'E.	40.14	.20		40.14	
	N.89°45'E.	40.14	.18		40.14	
	S.88°28'E.	40.08		1.07	40.07	
	N.89°23'E.	40.54	.44		40.54	
	N.89°12'E.	79.94	1.11		79.93	
	N.89°18'E.	80.78	.99		80.77	
East Boundary	South	480.00		480.00		
Convergency					.39	
Totals			481.45	481.42	485.68	485.61
			481.42		485.61	
Error in lat.			.03			
Error in dep.					.07	

Boundaries of Fractional T. 12 S., R. 23 W.  
 Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
		chs.	chs.	chs.	chs.	chs.
Inter. Bdy.	N.70°20½'W.	56.24	18.92			52.96
North Boundary.	East	52.96			52.96	
East Boundary	South	18.91		18.91		
Convergency					.00	
Totals			18.92	18.91	52.96	52.96
			18.91			52.96
Error in lat.			.01			
Error in dep.					.00	

Survey of  
Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

40.00 From the cor. of secs. 1, 2, 11 and 12, on Sectional Correction Line, hereinafter described,  
N.0°1'W. on a random line, bet. secs. 1 and 2.

79.00 Set temp. ¼ sec. cor.  
Intersect the reestablished cor. of secs. 1 and 2, on N. bdy. of Tp., hereinbefore described.

Thence

39.00 S 0°1'E., on a true line, bet. secs. 1 and 2.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

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

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

79.00 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling.  
Soil, sandy loam, gravelly; 2nd rate  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of Tp., described in Book "F",  
West on Sectional Correction Line, bet. secs. 1 and 12.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \ S\ 1 \\ \hline S\ 12 \\ 1920 \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

$$\begin{array}{c} T11S\ R23W \\ S\ 2 \mid S\ 1 \\ \hline S11 \mid S12 \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, sandy loam, gravelly, 2nd rate.  
No timber.  
Undergrowth, greasewood, sagebrush.  
Fair growth of galletta grass.

40.00 S.0°1'E., bet. secs. 11 and 12.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S11 \mid S12 \\ \hline 1920 \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

## Subdivision of Fractional T. 11 S., R. 23 W.

Chains

ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

$$\begin{array}{c} T11S, R23W \\ \hline S11 | S12 \\ \hline S14 | S13 \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, sandy, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00

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

79.96

Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of Tp., described in Book "F".

Thence

39.98

West on a true line, bet. secs. 12 and 13.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} S12 \\ \hline S13 \\ 1920 \end{array}$$

79.96

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 11, 12, 13 and 14.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00

S.0°1'E., bet. secs. 13 and 14.  
Over gently rolling land, through scattering undergrowth  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S14 | S13 \\ \hline 1920 \end{array}$$

80.00

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

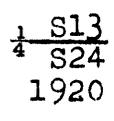
$$\begin{array}{c} T11S, R23W \\ \hline S14 | S13 \\ \hline S23 | S24 \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, gently rolling.  
Soil, sandy loam, gravelly; 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

Survey of Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

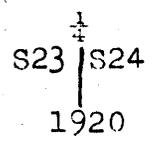
40.00 East on a random line, bet. secs. 13 and 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Fall 3 lks. N. of the cor. of secs. 13, 18, 19 and 24, on  
 the E. bdy. of Tp., described in Book "F".  
 Thence  
 N.89°59'W. on a true line, bet. secs. 13 and 24.  
 Over nearly level land, through scattering undergrowth.  
 14.80 Center of corral, 3 wire, 220 lks. square.  
 29.20 From this point, well rig and timbered well, 35 ft. deep,  
 dry, brs. South 1.20 chs. dist.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



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

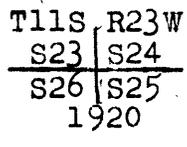
79.90 The cor. of secs. 13, 14, 23 and 24.  
 Land, nearly level.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, scattering greasewood.

40.00 S.0°1'E., bet. secs. 23 and 24.  
 Over nearly level land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



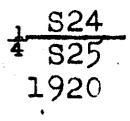
Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 23, 24, 25 and 26, marked on  
 brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW.  
 and NW. of post, 3 ft. dist.  
 Land, nearly level.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00 S.89°59'E. on a random line bet. secs. 24 and 25.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Fall 5 lks. S. of the cor. of secs. 19, 24, 25 and 30,  
 on the E. bdy. of Tp., described in Book "F".  
 Thence  
 S.89°59'W. on a true line, bet. secs. 24 and 25.  
 Over nearly level land, through scattering undergrowth.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains

79.90 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 23, 24, 25 and 26.  
Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 S.0°1'E. bet. secs. 25 and 26.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \uparrow \\ \text{s26} | \text{s25} \\ \hline 1920 \end{array}$$

80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

$$\begin{array}{c} \text{T11S, R23W} \\ \hline \text{s26} | \text{s25} \\ \hline \text{s35} | \text{s36} \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, nearly level.  
Soil, sand, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 N.89°59'E. on a random line, bet. secs. 25 and 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.94 Fall 2 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of Tp., described in Book "F".

39.97 Thence  
S.89°58'W. on a true line, bet. secs. 25 and 36.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \text{ s25} \\ \hline \frac{1}{4} \text{ s36} \\ \hline 1920 \end{array}$$

79.94 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 25, 26, 35 and 36.  
Land, nearly level.  
Soil, sand, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 S.0°1'E. bet. secs. 35 and 36.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \text{S35} \mid \text{S36} \\ \text{1920} \end{array}$$

- 69.35 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Intersect the 60 ft. International Boundary Reserve, which  
brs. N.70°23'W. and S.70°23'E.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for Boundary Reserve closing cor. of fractional  
secs. 35 and 36, marked on brass cap

$$\begin{array}{c} \text{T11S} \mid \text{R23W} \\ \text{S35} \mid \text{S36} \\ \text{C} \mid \text{C} \\ \text{IBR.} \\ \text{1920} \end{array}$$

- 70.32 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Intersect the International Boundary, between United States  
and Mexico, 0.70 chs. N.70°23'W. of International Bound-  
ary Monument No. 200. This monument is similar to  
monument No. 198, described in Book "E".  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of fractional secs. 35 and 36,  
marked on brass cap

$$\begin{array}{c} \text{T11S} \mid \text{R23W} \\ \text{S35} \mid \text{S36} \\ \text{U} \mid \text{S} \\ \text{C} \mid \text{C} \\ \text{MEXICO} \\ \text{1920} \end{array}$$

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

- 40.00 From the cor. of secs. 2, 3, 10 and 11, on the Sectional  
Correction Line,  
N.0°1'W. on a random line, bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.  
77.91 Fall 2 lks. W. of the reestablished cor. of secs. 2 and 3,  
on the N. bdy. of Tp., hereinbefore described.  
Thence  
South on a true line, bet. secs. 2 and 3.  
Over rolling land, through scattering undergrowth.  
37.91 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S} \mid \text{S} \\ \text{3} \mid \text{2} \\ \text{1920} \end{array}$$

- 77.91 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.  
The cor. of secs. 2, 3, 10 and 11.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and scattering sagebrush.

Chains.

Fair growth of galletta grass.

40.00 From the cor. of secs. 1, 2, 11 and 12, on the Sectional Correction Line,  
West on Sectional Correction Line, bet. secs. 2 and 11.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 2  
S11  
1920

80.00 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

T11S R23W  
 $\frac{3}{4}$  S 2  
S10 | S11  
1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 S.0°1'E. bet. secs. 10 and 11.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S10 | S11  
1920

80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap

T11S R23W  
S10 | S11  
S15 | S14  
1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, sand, 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 East on a random line, bet. secs. 11 and 14.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.  
Thence  
N.89°59'W. on a true line, bet. secs. 11 and 14.  
Over rolling land, through scattering undergrowth.

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.	40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
		$\begin{array}{c} \frac{1}{4} \text{ S11} \\ \hline \frac{1}{4} \text{ S14} \\ 1920 \end{array}$
		Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
	80.00	The cor. of secs. 10, 11, 14 and 15. Land, rolling. Soil, sandy loam, 2nd rate. No timber. Undergrowth, Greasewood and sagebrush.
	40.00	S.0°1'E. bet. secs. 14 and 15. Over nearly level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
		$\begin{array}{c} \frac{1}{4} \\ \text{S15} \mid \text{S14} \\ \hline 1920 \end{array}$
		Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
	80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap
		$\begin{array}{c} \text{T11S, R23W} \\ \hline \text{S15} \mid \text{S14} \\ \hline \text{S22} \mid \text{S23} \\ 1920 \end{array}$
		Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, nearly level. Soil, sand, 4th rate. No timber. Undergrowth, scattering greasewood. Fair growth of galletta grass.
	40.00	S.89°59'E. on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
	80.04	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence
		West on a true line, bet. secs. 14 and 23.
	40.02	Over nearly level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
		$\begin{array}{c} \frac{1}{4} \text{ S14} \\ \hline \frac{1}{4} \text{ S23} \\ 1920 \end{array}$
		Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
	80.04	The cor. of secs. 14, 15, 22 and 23. Land, nearly level. Soil, sand, 2nd and 3rd rate. No timber. Undergrowth, greasewood. Fair growth of galletta grass.

## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains

S.0°1'E, bet. secs. 22 and 23.  
Over nearly level land, through scattering undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S22} \mid \text{S23} \\ \downarrow \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap

$$\begin{array}{c} \text{T11S R23W} \\ \text{S22} \mid \text{S23} \\ \hline \text{S27} \mid \text{S26} \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, nearly level.  
Soil, sand, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

East on a random line, bet. secs. 23 and 26.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence  
S.89°59'W. on a true line, bet. secs. 23 and 26.  
Over nearly level land, through scattering undergrowth.  
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \text{S23} \\ \frac{1}{4} \\ \downarrow \\ \text{S26} \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
80.04 The cor. of secs. 22, 23, 26 and 27.  
Land, nearly level.  
Soil, sand, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

S.0°1'E. bet. secs. 26 and 27.  
Over nearly level land, through scattering undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S27} \mid \text{S26} \\ \downarrow \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

T11S R23W  
 S27 | S26  
 S34 | S35  
 1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, nearly level.  
 Soil, sand, 2nd and 3rd rates.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00 N.89°59'E. on a random line, bet. secs. 26 and 35.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 25, 26, 35 and 36.  
 Thence  
 S.89°58'W. on a true line, bet. secs. 26 and 35.  
 40.02 Over gently rolling land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S26  
 S35  
 1920

80.04 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 26, 27, 34 and 35.  
 Land, gently rolling.  
 Soil, sand, 2nd and 3rd rates.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00 S.0°1'E. bet. secs. 34 and 35.  
 Over gently rolling land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S34 | S35  
 1920

40.73 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 Intersect 60 ft. International Boundary Reserve, which brs. N.70°23'W. and S.70°23'E.  
 At the point of intersection,  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for Boundary Reserve closing cor. of fractional secs. 34 and 35, marked on brass cap

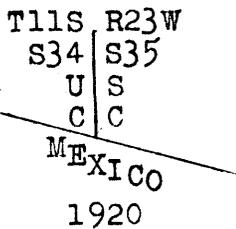
T11S R23W  
 S34 | S35  
 C | C  
 IBR  
 1920

41.70 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
 Intersect the International Boundary between United States and Mexico, 85.69 chs. N.70°23'W. of International Boundary Monument No. 200, hereinbefore described.  
 At the point of intersection,  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

ground, for closing cor. of fractional secs. 34 and 35, marked on brass cap



Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Land, gently rolling.  
Soil, sand, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00

From the cor. of secs. 3, 4, 9 and 10, on Sectional Correction Line, hereinafter described,

N.0°1'W. on a random line, bet. secs. 3 and 4.

Set temp. 1/4 sec. cor.

78.50

Fall 7 lks. E. of the reestablished cor. of secs. 3 and 4, on the N. bdy. of Tp., hereinbefore described.

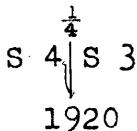
Thence

S.0°4'E. on a true line, bet. secs. 3 and 4.

Over rolling land, through scattering undergrowth.

38.50

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



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

78.50

The cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, sand, 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

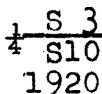
40.00

From the cor. of secs. 2, 3, 10 and 11, on Sectional Correction Line,

West on Sectional Correction Line, bet. secs. 3 and 10.

Over gently rolling land, through scattering undergrowth.

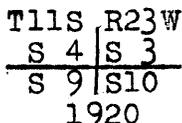
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.

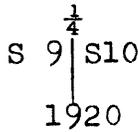
Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood.

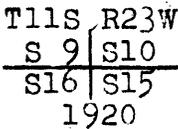
40.00

S.0°2'E. bet. secs. 9 and 10.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



80.00

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling.  
Soil, drifting sand, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

40.00

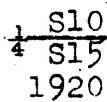
East on a random line, bet. secs. 10 and 15.

80.02

Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14 and 15.

40.01

Thence  
N.89°57'W. on a true line, bet. secs. 10 and 15.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

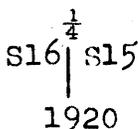


80.02

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 9, 10, 15 and 16.  
Land, nearly level; drains NW.  
Soil, sand, 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00

S.0°2'E. bet. secs. 15 and 16.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.	<p>Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap</p> $\begin{array}{r} \text{T11S, R23W} \\ \hline \text{S16   S15} \\ \hline \text{S21   S22} \\ \hline 1920 \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, nearly level. Soil, shifting sand, 4th rate. No timber. Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.</p>
40.00 80.10	<p>S.89°57'E. on a random line, bet. secs. 15 and 22. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line, 9 lks. S. of the cor. of secs. 14, 15, 22 and 23.</p> <p>Thence</p> <p>40.05 S.89°59'W. on a true line, bet. secs. 15 and 22. Over nearly level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> $\begin{array}{r} \frac{1}{4} \text{ S15} \\ \hline \frac{1}{4} \text{ S22} \\ \hline 1920 \end{array}$
80.10	<p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p> <p>The cor. of secs. 15, 16, 21 and 22. Land, nearly level; drains NE. Soil, sandy and slightly stony, 3rd rate. No timber. Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.</p>
40.00	<p>S.0°2'E. bet. secs. 21 and 22. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> $\begin{array}{r} \frac{1}{4} \\ \hline \text{S21   S22} \\ \hline 1920 \end{array}$
80.00	<p>Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap</p> $\begin{array}{r} \text{T11S, R23W} \\ \hline \text{S21   S22} \\ \hline \text{S28   S27} \\ \hline 1920 \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, level; drains N. Soil, shifting sand, stony, 3rd and 4th rates. No timber. Undergrowth, sagebrush and greasewood.</p>

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains. N.89°59'E. on a random line, bet. secs. 22 and 27.  
 40.00 Set temp. 1/4 sec. cor.  
 80.20 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.  
 Thence  
 S.89°57'W. on a true line, bet. secs. 22 and 27.  
 Over nearly level land, through thick low undergrowth.  
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S22 \\ \frac{1}{4} S27 \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 80.20 The cor. of secs. 21, 22, 27 and 28.  
 Land, nearly level.  
 Soil, shifting sand, 4th rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00 S.0°2'E. bet. secs. 27 and 28.  
 Over nearly level land, through scattering undergrowth.  
 Set an iron post, 3 ft. 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S28 \mid S27 \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

$$\begin{array}{r} T11S, R23W \\ \frac{S28 \mid S27}{S33 \mid S34} \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, nearly level.  
 Soil, sand, 2nd and 3rd rates.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N.89°57'E. on a random line, bet. secs. 27 and 34.  
 Set temp. 1/4 sec. cor.  
 80.08 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 26, 27, 34 and 35.  
 Thence  
 N.89°56'W. on a true line, bet. secs. 27 and 34.  
 Over gently rolling land, through scattering undergrowth.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S27 \\ \frac{1}{4} S34 \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 80.08 The cor. of secs. 27, 28, 33 and 34.

Chains.

Land, gently rolling.  
Soil, sandy, 2nd and 3rd rates.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

- 12.21 S.0°2'E. bet. secs. 33 and 34.  
Over nearly level land, through scattering undergrowth.  
Intersect 60 ft. International Boundary Reserve, which  
brs. N.70°23'W. and S.70°23'E.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for Boundary Reserve closing cor. of fractional  
secs. 33 and 34, marked on brass cap

T11S R23W  
S33 | S34  
C | C  
IBR.  
1920

- 13.18 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Intersect the International Boundary between United States  
and Mexico, 147.95 chs. S.70°23'E. of International Bdy  
Monument No. 201 and 170.69 chs. N.70°23'W. from Monument No. 200.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of fractional secs. 33 and 34,  
marked on brass cap

T11S R23W  
S33 | S34  
U | S  
C | C  
MEXICO  
1920

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Land, nearly level.  
Soil, sandy, 2nd and 3rd rates.  
No timber.  
Undergrowth, sagebrush and greasewood.

- 40.00 From the cor. of secs. 4, 5, 8 and 9, on Sectional Correct-  
ion Line, hereinafter described,  
N.0°4'W. on a random line, bet. secs. 4 and 5.  
Set temp.  $\frac{1}{4}$  sec. cor.  
78.26 Fall 2 lks. E. of the reestablished cor. of secs. 4 and 5,  
on the N. bdy. of Tp., hereinbefore described.  
Thence  
S.0°5'E. on a true line, bet. secs. 4 and 5.  
Over level land, through thick low undergrowth.  
38.26 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

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

- 78.26 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.  
The cor. of secs. 4, 5, 8 and 9.  
Land, level; drains NW.  
Soil, 4th rate.  
No timber.

## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.	Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.
40.00	From the cor. of secs. 3, 4, 9 and 10, on Sectional Correction Line, West on Sectional Correction Line bet. secs. 4 and 9. Over nearly level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap  $\begin{array}{c} \frac{1}{4} \text{ S } 4 \\ \frac{1}{4} \text{ S } 9 \\ 1920 \end{array}$
80.00	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap  $\begin{array}{c} \text{T11S, R23W} \\ \text{S } 5 \text{   S } 4 \\ \text{S } 8 \text{   S } 9 \\ 1920 \end{array}$
40.00	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, nearly level. Soil, sand, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
40.00	S.0°2'E. bet. secs. 8 and 9. Over level land, through low thick undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap  $\begin{array}{c} \frac{1}{4} \\ \text{S } 8 \text{   S } 9 \\ 1920 \end{array}$
80.00	Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap  $\begin{array}{c} \text{T11S, R23W} \\ \text{S } 8 \text{   S } 9 \\ \text{S } 17 \text{   S } 16 \\ 1920 \end{array}$
40.00	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, level; drains SW. Soil, sandy, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
40.00	East on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15 and 16. Thence

30

## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains	S.89°56'W. on a true line, bet. secs. 9 and 16. Over level land, through thick low undergrowth.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap  $\begin{array}{r} \frac{1}{4} \text{ S } 9 \\ \hline \frac{1}{4} \text{ S } 16 \\ 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
80.08	The cor. of secs. 8, 9, 16 and 17. Land, level; drains SW. Soil, sandy, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
	S.0°2'E. bet. secs. 16 and 17. Over level land, through thick low undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap  $\begin{array}{r} \frac{1}{4} \\ \hline \text{S}17 \mid \text{S}16 \\ 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap  $\begin{array}{r} \text{T}11\text{S } \text{R}23\text{W} \\ \hline \text{S}17 \mid \text{S}16 \\ \hline \text{S}20 \mid \text{S}21 \\ 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, level; drains SW. Soil, sandy, 4th rate. No timber.. Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.
	N.89°56'E. on a random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence
	S.89°57'W. on a true line, bet. secs. 16 and 21. Over level land, through thick low undergrowth.
40.02	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap  $\begin{array}{r} \frac{1}{4} \text{ S}16 \\ \hline \frac{1}{4} \text{ S}21 \\ 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
80.04	The cor. of secs. 16, 17, 20 and 21. Land, level; drains SW. Soil, sandy, 4th rate. No timber Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

40.00 S.0°2'E. bet. secs. 20 and 21.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S20 | S21  
 1920

80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 33 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap

T11S R23W  
 S20 | S21  
 S29 | S28  
 1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 N.89°57'E. on a random line, bet. secs. 21 and 28.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the cor. of secs. 21, 22, 27 and 28.  
Thence

40.03 S.89°57'W. on a true line, bet. secs. 21 and 28.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S21  
 S28  
 1920

80.06 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 20, 21, 28 and 29.  
Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, sagebrush and greasewood.

40.00 S.0°2'E. bet. secs. 28 and 29.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S29 | S28  
 1920

63.60 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Intersect 60 ft. International Boundary Reserve, which brs. N.70°23'W. and S.70°23'E.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for Boundary Reserve closing cor. of fractional secs. 28 and 29, marked on brass cap

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

T11S	R23W
S29	S28
C	C
IBR	
1920	

64.57 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Intersect the International Boundary between United States and Mexico, 62.70 chs. S.70°23'E. of Monument No. 201, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of fractional secs. 28 and 29, marked on brass cap

T11S	R23W
S29	S28
U	S
C	C
MEXICO	
1920	

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Land, nearly level. Soil, sandy loam, 2nd rate. No timber. Undergrowth, sagebrush and greasewood.

34.27 From the cor. of secs. 27, 28, 33 and 34, S.89°57'W. on a true line, bet. secs. 28 and 33. Over nearly level land, through scattering undergrowth. Intersect 60 ft. International Boundary Reserve, which brs. N.70°23'W. and S.70°23'E. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for Boundary Reserve closing cor. of fractional secs. 28 and 33, marked on brass cap

T11S	R23W
C	S28
IBR	C S33
1920	

36.98 Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Intersect International Boundary between United States and Mexico, 108.66 chs. S.70°23'E. of International Boundary Monument No. 201, hereinbefore described. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of fractional secs. 28 and 33, marked on brass cap

T11S	R23W
C	U S28
MEXICO	C S S33
1920	

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist. Land, nearly level. Soil, sandy, 2nd and 3rd rates. No timber. Undergrowth, sagebrush and greasewood.

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

From the cor. of secs. 5, 6, 7 and 8, on Sectional Correction Line, hereinafter described,  
 N.0°6'W. on a random line, bet. secs. 5 and 6.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.44 Fall 7 lks. W. of the reestablished cor. of secs. 5 and 6, on N. bdy. of Tp., hereinbefore described.  
 Thence  
 S.0°3'E. bet. secs. 5 and 6.  
 Over gently rolling land, through scattering undergrowth.  
 38.44 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
 S 6 | S 5  
 1920

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 78.44 The cor. of secs. 5, 6, 7 and 8.  
 Land, gently rolling.  
 Soil, sandy loam, gravelly, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

From the cor. of secs. 4, 5, 8 and 9, on Sectional Correction Line,  
 West on Sectional Correction Line, bet. secs. 5 and 8.  
 Over gently rolling land, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 5  
 $\frac{1}{4}$  S 8  
 1920

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap

T11S R23W  
 S 6 | S 5  
 S 7 | S 8  
 1920

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, gently rolling.  
 Soil, sandy, 2nd and 3rd rates.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

West on Sectional Correction Line bet. secs. 6 and 7.  
 Over gently rolling land, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 6  
 $\frac{1}{4}$  S 7  
 1920

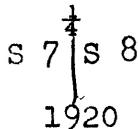
Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 85.35 The cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., established as hereinbefore described.

Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

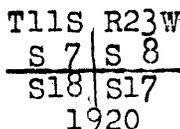
Chains

Land, gently rolling.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 From the cor. of secs. 5, 6, 7 and 8  
S. 0° 3' E. bet. secs. 7 and 8.  
Over gently rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



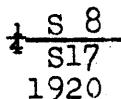
80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap



Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, gently rolling.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, sagebrush and greasewood.

40.00 East on a random line, bet. secs. 8 and 17.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.90 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 8, 9, 16 and 17.

39.95 Thence  
S. 89° 58' W. on a true line, bet. secs. 8 and 17.  
Over level land, through low thick undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



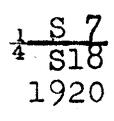
79.90 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 7, 8, 17 and 18.  
Land, level; drains SW.  
Soil, sandy, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

40.00 West on a random line, bet. secs. 7 and 18.  
Set temp.  $\frac{1}{4}$  sec. cor.  
85.42 Fall 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of Tp., hereinbefore described.

45.42 Thence  
S. 89° 58' E. on a true line, bet. secs. 7 and 18.  
Over gently rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

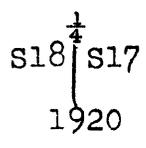
Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

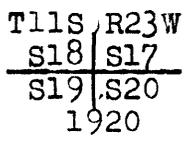


85.42 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 7, 8, 17 and 18.  
 Land, gently rolling.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, sagebrush and scattering greasewood.

40.00 S.0°3'E. bet. secs. 17 and 18.  
 Over level land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

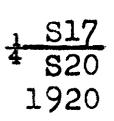


Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, level; drains SW.  
 Soil, sandy and slightly stony, 3rd rate.  
 No timber.  
 Undergrowth, sagebrush and greasewood.  
 Fair growth of galletta grass.

40.00 N.89°58'E. on a random line, bet. secs. 17 and 20.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.82 Intersect the cor. of secs. 16, 17, 20 and 21.  
 Thence

39.91 S.89°58'W. on a true line, bet. secs. 17 and 20.  
 Over level land, through thick low undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



79.82 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 17, 18, 19 and 20.  
 Land, level; drains SW.  
 Soil, sandy, 4th rate.  
 No timber.  
 Undergrowth, sagebrush and greasewood.  
 Fair growth of galletta grass.

40.00 N.89°58'W. on a random line, bet. secs. 18 and 19.  
 Set temp.  $\frac{1}{4}$  sec. cor.

Chains. 85.48	Fall 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of Tp., hereinbefore described.
	Thence S.89°59'E. on a true line, bet. secs. 18 and 19. Over level land, through scattering undergrowth.
45.48	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S18 \\ \frac{1}{4} S19 \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
85.48	The cor. of secs. 17, 18, 19 and 20. Land, level; drains SW. Soil, sandy, 3rd rate. No timber. Undergrowth, sagebrush and greasewood. Fair growth of galletta grass.
40.00	S.0°3'E. bet. secs. 19 and 20. Over level land, through thick low undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} \\ S19   S20 \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap
	$\begin{array}{r} T11S, R23W \\ S19   S20 \\ \hline S30   S29 \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, level; drains SW. Soil, sandy, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
40.00	A flag at the cor. cor. of secs. 20, 21, 28 and 29 being plainly visible, project line for said cor. from last sec. cor. N.89°58'E. on a random line, bet. secs. 20 and 29.
79.70	Set temp. $\frac{1}{4}$ sec. cor. Intersect the cor. of secs. 20, 21, 28 and 29. Thence
	S.89°58'W. on a true line, bet. secs. 20 and 29. Over level land, through scattering undergrowth.
39.85	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S20 \\ \frac{1}{4} S29 \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

## Survey of the Subdivision of Fractional T. 11 S., R. 23 W.

Chains.

79.70

The cor. of secs. 19, 20, 29 and 30.  
Land, level;  
Soil, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.

40.00

85.56

N.89°59'W. on a random line, bet. secs. 19 and 30.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect the cor. of secs. 19, 24, 25 and 30, on the W.  
bdy. of Tp., hereinbefore described.

45.56

Thence  
S.89°59'E. on a true line, bet. secs. 19 and 30.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S19 \\ \frac{1}{4} S30 \\ \hline 1920 \end{array}$$

85.56

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

The cor. of secs. 19, 20, 29 and 30.  
Land, level; drains SW.  
Soil, sandy, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

35.23

S.0°3'E. bet. secs. 29 and 30.  
Over level land, through scattering undergrowth.  
Intersect 60 ft. International Boundary Reserve, which  
brs. N.70°23'W. and S.70°23'E.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for Boundary Reserve closing cor. of fractional  
secs. 29 and 30, marked on brass cap

$$\begin{array}{r} T11S R23W \\ S30 | S29 \\ C | C \\ \hline \end{array}$$

IBR  
1920

36.20

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Intersect the International Boundary between United States  
and Mexico, 213.55 chs. S.70°23'E. of International Bdy.  
Monument No.202 and 21.84 chs. N.70°23'W. from Monument No.201.  
At the point of intersection,  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of fractional secs. 29 and 30,  
marked on brass cap

$$\begin{array}{r} T11S R23W \\ S30 | S29 \\ U | S \\ C | C \\ \hline \end{array}$$

MEXICO  
1920

Dig pits, 18 X 18 X 12 ins., on each line, 3 ft. dist.  
Land, level.  
Soil, sandy, 4th rate.  
No timber.  
Undergrowth, sagebrush and greasewood.  
Fair growth of galletta grass.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests as described in Book "I".

GENERAL DESCRIPTION.

This fractional township consists of level and slightly rolling land, covered with galletta grass, and greasewood and sagebrush undergrowth. The northeastern portion drains northwesterly; the remainder southwesterly to the Colorado River. The soil is mostly sand, with belts of sandy loam soil, covered with beach stones. No water has been developed in the township. There are no settlers.



CERTIFICATE OF TEMPORARY U.S. TRANSITMAN.

I, *William D. Wilson, Temporary U.S. Transitman*, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for *Group 95, Arizona* bearing date of the *10th* day of *March*, 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, surveyed all those parts or portions of *the*

*Subdivision Lines of*

*Fractional Township 11 South, Range 23 West*

of the *Gila and Salt*

*River Base and Meridian*, in the State of *Arizona*, which are represented in the foregoing field notes *and by diagram on page 1 hereof* as having been executed by me, and under my direction; and that all the corners of said 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 95, Arizona* and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place, *Packland Wash.*

*William D. Wilson*  
Temporary U.S. Transitman.

Date, *Aug. 15, 1921*

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*1*, 1921.

The foregoing field notes of the survey of

executed by

under his special instructions dated \_\_\_\_\_, 191\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

\_\_\_\_\_  
U. S. Surveyor General.

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

\_\_\_\_\_  
U. S. Surveyor General.



CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 95, Arizona bearing date of the 10th day of March, 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>RESURVEYED</sup> all those parts or portions of the  
North Boundary  
and surveyed all those parts or portions of the  
South and West Boundaries and  
Subdivision Lines of  
Fractional Township 11 South, Range 23 West of the Gila and Salt  
River Base <sup>2nd</sup> 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 said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 95, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place, Phoenix Ariz  
 Date, July 16 1921

William H. Thorn  
 U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, Aug. 20, 1921.

The foregoing field notes of the resurvey of the North boundary  
and of the survey of the South and West boundaries and  
Subdivision Lines of  
Fractional Township 11 South, Range 23 West  
of the Gila and Salt River Base and Meridian, in the State of Arizona  
executed by William H. Thorn, U.S. Cadastral Engineer  
and William D. Wilson, Temporary U.S. Transitman  
 under the special instructions dated March 10, 1919 for Group 95, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys <sup>resurveys and surveys</sup> they describe, are hereby approved.

Frank A. Grot  
 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.