

3451

153

2016 (1)

"D"

4-679

BOOK 3451

# FIELD NOTES

OF THE SURVEY OF THE

*West Boundary*

*East Boundary*

*South Boundary*

*and*

*Subdivision Lines of*

*Township 11 South Range 21 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. Surveyors, under instructions dated March 10, 1919,*

*issued by the United States Surveyor General to govern surveys included in*

*Group No. 25, which were approved by the Commissioner of the General Land*

*Office, May 13, 1919 and Assignment Instructions dated Jan. 6, 1920.*

*Survey commenced February 23, 1920*

*Survey completed March 2, 1920*

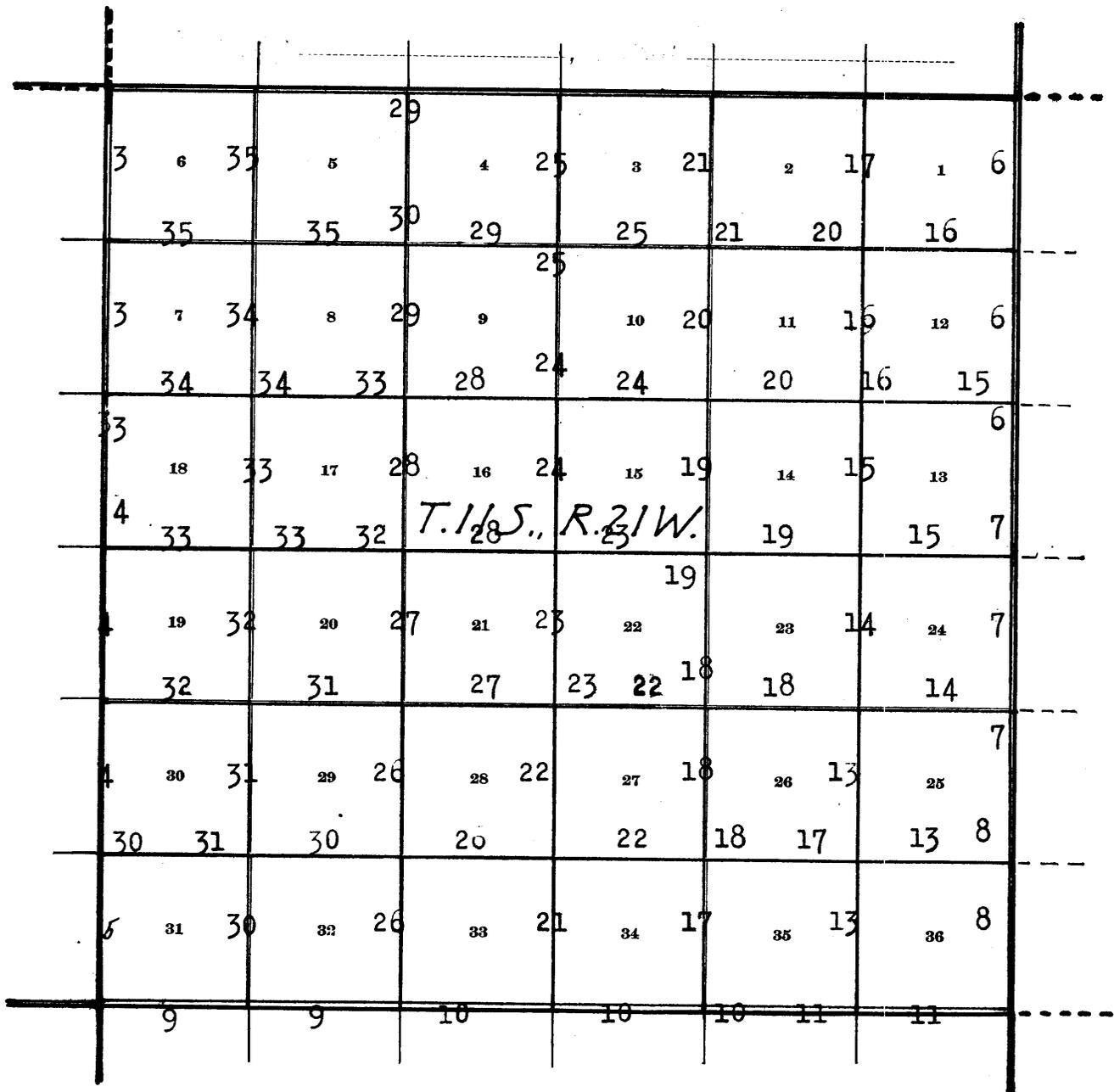
1A

Book "D"

Group 95 - - - Arizona.

BOOK 3451

# INDEX DIAGRAM.



———— Lines surveyed under this Group.

----- Lines resurveyed under this group.

----- Unsurveyed.

Book "D"

Group 95 - - - - Arizona.

Township 11 South, Range 21 West.

DATE DIAGRAM.

*For dates of execution of the survey of this line see book "C"*

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

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.

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:

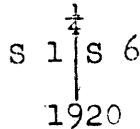
Feb. 19, 1920: At our camp near the cor. of secs. 15, 16, 21 and 22, T. 10 S., R. 21 W., lat.  $32^{\circ}33'N.$ , long.  $114^{\circ}24\frac{1}{2}'W.$ , using the meridian determined as described in Book "B", we set off  $32^{\circ}33'N.$  on the lat. arcs;  $11^{\circ}25\frac{1}{2}'S.$  on the decl. arcs; and at 4 hrs. 0 m., p.m., l.m.t., determine a meridian with each solar, which in each case agrees with the true meridian.

Feb. 20, 1920: At 8 hrs. 0 m., a.m., l.m.t., with the lat. arcs unchanged, we set off  $11^{\circ}11'S.$  on the decl. arcs; and determine a meridian with each solar, which in each case agrees with the true meridian.

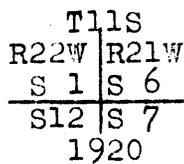
As all of the solar observations during the usual hours of solar work come within  $1'30''$  of the true meridian, we conclude that the adjustments of the solars are satisfactory.

Survey of the West Boundary of T. 11 S., R. 21 W.

Chains. From the ~~reestablished~~ cor. of Ts. 10 & 11 S., Rs. 21 & 22 W., de-  
scribed in Book "B"  
South bet. secs. 1 and 6.  
40.00 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

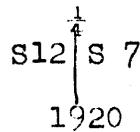


80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 1, 6, 7 and 12, marked on brass  
cap

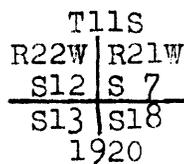


Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW.  
and NW. of post, 3 ft. dist.  
Land, gently rolling.  
Soil, sandy; and sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Good growth of galletta grass.

40.00 South bet. secs. 7 and 12.  
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

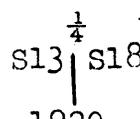


80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 7, 12, 13 and 18, marked on  
brass cap



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

40.00 South bet. secs. 13 and 18.  
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



4

## Survey of the West Boundary of T. 11 S., R. 21 W.

Chains. 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. 13, 18, 19 and 24, marked on brass cap</p> <div style="text-align: center;"> <table border="0"> <tr><td colspan="2">T11S</td></tr> <tr><td>R22W</td><td>R21W</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td>S24</td><td>S19</td></tr> <tr><td colspan="2">1920</td></tr> </table> </div> <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.</p> <p>Land, nearly level; drains SW.</p> <p>Soil, sandy loam, 2nd rate.</p> <p>No timber.</p> <p>Undergrowth, greasewood and sagebrush.</p> <p>Fair growth of galletta grass.</p>	T11S		R22W	R21W	S13	S18	S24	S19	1920					
T11S															
R22W	R21W														
S13	S18														
S24	S19														
1920															
40.00 80.00	<p>South bet. secs. 19 and 24.</p> <p>Over nearly level land, through scattering undergrowth.</p> <p>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> <div style="text-align: center;"> <table border="0"> <tr><td>S19</td><td>S24</td></tr> <tr><td colspan="2">1920</td></tr> </table> </div> <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. 19, 24, 25 and 30, marked on brass cap</p> <div style="text-align: center;"> <table border="0"> <tr><td colspan="2">T11S</td></tr> <tr><td>R22W</td><td>R21W</td></tr> <tr><td>S24</td><td>S19</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td colspan="2">1920</td></tr> </table> </div> <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.</p> <p>Land, nearly level; S. <math>\frac{1}{2}</math> drains SW.; N. <math>\frac{1}{2}</math> drains NE.</p> <p>Soil, sandy loam, 2nd rate.</p> <p>No timber.</p> <p>Undergrowth, greasewood and sagebrush.</p> <p>Fair growth of grass.</p>	S19	S24	1920		T11S		R22W	R21W	S24	S19	S25	S30	1920	
S19	S24														
1920															
T11S															
R22W	R21W														
S24	S19														
S25	S30														
1920															
40.00 80.00	<p>South bet. secs. 25 and 30.</p> <p>Over gently rolling land, through scattering undergrowth.</p> <p>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> <div style="text-align: center;"> <table border="0"> <tr><td>S25</td><td>S30</td></tr> <tr><td colspan="2">1920</td></tr> </table> </div> <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. 25, 30, 31 and 36, marked on brass cap</p>	S25	S30	1920											
S25	S30														
1920															

Survey of the West Boundary of T. 11 S., R. 21 W.

Chains.

T11S	
R22W	R21W
S25	S30
S36	S31
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 loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00

South bet. secs. 31 and 36.  
 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

†	
S36	S31
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, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 11 and 12 S., Rs. 21 and 22 W., marked on brass cap

T11S	
R22W	R21W
S36	S31
S 1	S 6
T12S	
1920	

Dig pits, 18 X 18 X 12 ins., on each line, N., E. SW and W. of post, 3 ft. dist.  
 Land, gently rolling.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

6

## Survey of the East Boundary of T.11 S., R.21 W.

Chains.

From the cor. of Ts. 10 and 11 S., Rs. 20 and 21 W.,  
described in Book "C",  
South bet. secs. 1 and 6.

40.00

Over nearly level land, through medium 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

$$\begin{array}{c} \frac{1}{4} \\ S\ 1\ | \ S\ 6 \\ 1920 \end{array}$$

From which

An ironwood, 6 ins. diam., brs. S.  $10\frac{1}{2}^{\circ}$  E.,  
127 lks. dist., marked  $\frac{1}{4}$ S6 BT.

An ironwood, 5 ins. diam., brs. N.  $60\frac{1}{2}^{\circ}$  W.,  
65 lks. dist., marked  $\frac{1}{4}$ S1 BT.

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. 1, 6, 7 and 12, marked on brass  
cap

$$\begin{array}{c} T11S \\ R21W\ | \ R20W \\ S\ 1\ | \ S\ 6 \\ \hline S12\ | \ S\ 7 \\ 1920. \end{array}$$

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, sandy, some rocks; 3rd rate.

No timber.

Undergrowth, greasewood, sagebrush, ocotillo and ironwood.

Fair growth of galletta grass.

South bet. secs. 7 and 12.

Over 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

$$\begin{array}{c} \frac{1}{4} \\ S12\ | \ S\ 7 \\ 1920 \end{array}$$

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

58.00

Shallow wash, 1 ch. wide, course W.

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

$$\begin{array}{c} T11S \\ R21W\ | \ R20W \\ S12\ | \ S\ 7 \\ \hline S13\ | \ S18 \\ 1920 \end{array}$$

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

Land, level.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood, sagebrush, ocotillo and ironwood.

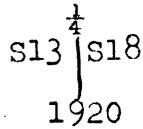
Fair growth of grass.

South bet. secs. 13 and 18.

Survey of the East Boundary of T. 11 S., R. 21 W.

Chains.

40.00 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

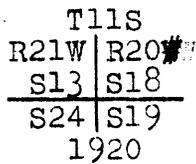


Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

40.60 Shallow draw, 30 lks. wide, course W. Asc. slightly.

58.00 Low ridge, brs. E. and W.

80.00 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, nearly level.

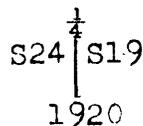
Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood, sagebrush, ocotillo and ironwood.

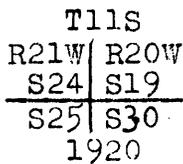
Fair growth of galletta grass.

40.00 South bet. secs. 19 and 24. Over level land, through medium 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., 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, 24, 25 and 30, marked on brass cap



From which

An ironwood, 8 ins. diam., brs. S. 9 1/4° W.,

252 lks. dist., marked T11S R21W S25 BT.

No other trees within limits. Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, N. 40 chs., level; S. 40 chs., slightly rolling.

Soil, sandy, 3rd rate.

No timber.

Undergrowth, greasewood, sagebrush and small ironwood.

Fair growth of galletta grass.

2.50 South bet. secs. 25 and 30. Over slightly rolling land, through scattering undergrowth. Center of shallow wash, 1.50 chs. wide, course W.  
40.00 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 East Boundary of T. 11 S., R. 21 W.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \text{S25} | \text{S30} \\ \hline 1920 \end{array}$$

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, 30, 31 and 36, marked on brass cap

$$\begin{array}{c} \text{T11S} \\ \text{R21W} | \text{R20W} \\ \hline \text{S25} | \text{S30} \\ \hline \text{S36} | \text{S31} \\ \hline 1920 \end{array}$$

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

40.00 South bet. secs. 31 and 36.  
Over nearly level land, through medium 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

$$\begin{array}{c} \frac{1}{4} \\ \text{S36} | \text{S31} \\ \hline 1920 \end{array}$$

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, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 11 and 12 S., Rs. 20 and 21 W., marked on brass cap

$$\begin{array}{c} \text{T11S} \\ \text{R21W} | \text{R20W} \\ \hline \text{S36} | \text{S31} \\ \hline \text{S 1} | \text{S 6} \\ \hline \text{T12S} \\ \hline 1920 \end{array}$$

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

Survey of the South Boundary of T. 11 S., R. 21 W.

Chains.

From the cor. of Ts. 11 and 12 S., Rs. 20 and 21 W., here-  
inbefore described,  
West on a random line, along the S. bdy. of T. 11 S., R.  
21 W., setting temp.  $\frac{1}{4}$  sec. and sec. cors. at intervals  
of 40.00 chs.; and at 475.68 chs., fall 26 lks. N. of the  
cor. of Ts. 11 and 12 S., Rs. 21 and 22 W., hereinbefore  
described. The falling answers to a correction of  $0^{\circ}2'$ ,  
of 4 lks. S. per mile, counting from the SE. cor. of the  
To.

35.68

From the cor. of Ts. 11 and 12 S., Rs. 21 and 22 W., here-  
inbefore described,  
N.  $89^{\circ}58'E.$ , on a true line, bet. secs. 6 and 31.  
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

$\frac{1}{4}$  S31  
S 6  
1920

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

Cor. stands on sand rim, bearing NW. and SE, Desc. over  
very gradual slope.

75.68

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 5, 6, 31 and 32, marked on  
brass cap

T11S, R21W  
S31 | S32  
S 6 | S 5  
T12S  
1920

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

Land, level and gently rolling.

Soil, sandy, 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass.

40.00

N.  $89^{\circ}58'E.$ , on a true line, bet. secs. 5 and 32.  
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

$\frac{1}{4}$  S32  
S 5  
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. 4, 5, 32 and 33, marked on  
brass cap

T11S, R21W  
S32 | S33  
S 5 | S 4  
T12S  
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, shifting sands, 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

## Survey of the South Boundary of T. 11 S., R. 21 W

Chains.	N.89°58'E., on a true line, bet. secs. 4 and 33. 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
	$\begin{array}{r} \frac{1}{4} S33 \\ \hline S 4 \end{array}$ 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. 3, 4, 33 and 34, marked on brass cap
	$\begin{array}{r} T11S R21W \\ S33   S34 \\ \hline S 4   S 3 \\ T12S \\ 1920 \end{array}$
	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, shifting sands, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.
	N.89°58'E., on a true line, bet. secs. 3 and 34. Over slightly 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
	$\begin{array}{r} \frac{1}{4} S34 \\ \hline S 3 \end{array}$ 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. 2, 3, 34 and 35, marked on brass cap
	$\begin{array}{r} T11S R21W \\ S34   S35 \\ \hline S 3   S 2 \\ T12S \\ 1920 \end{array}$
	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, drifting sands; 4th rate. No timber. Undergrowth, sparse greasewood and sagebrush. Fair growth of galletta grass.
	N.89°58'E., on a true line, bet. secs. 2 and 35. Over nearly level land, through scattering undergrowth. Desc. slightly over sand dunes.
15.00	Thence over nearly level land.
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
	$\begin{array}{r} \frac{1}{4} S35 \\ \hline S 2 \end{array}$ 1920

Survey of the South Boundary of T. 11 S., R. 21 W.

Chains.

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. 1, 2, 35 and 36, marked on brass cap

T11S	R21W
S35	S36
S 2	S1
T12S	
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; drains W.  
 Soil, drifting sands; 4th rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N. 89° 58' E., on a true line, bet. 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 1/4 sec. cor., marked on brass cap

1/4	S36
S	S1
1920	

80.00 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of Ts. 11 and 12 S., Rs. 20 and 21 W., hereinbefore described.  
 Land, level. Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

## Boundaries of T. 11 S., Rs. 21 W.

Latitudes, departures and closing errors.

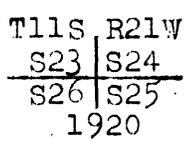
Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary.	$\alpha. 89^{\circ}58' W.$	475.68		.28		475.68
West Boundary.	North.	480.00	480.00			
North Boundary.	East.	475.84			475.84	
East Boundary.	South.	480.00		480.00		
Convergency.					.46	
<u>Totals.</u>			480.00	480.28	476.30	475.68
<u>Error in lat.</u>				480.00	475.68	
<u>Error in dep.</u>				.28	.62	



Survey of the Subdivision of T. 11 S., R. 21 W.

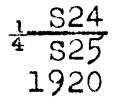
Chains.

ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



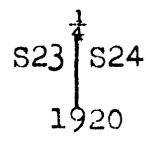
Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, nearly level.  
 Soil, sandy loam, some gravel, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

40.00 East on a random line, bet. secs. 24 and 25.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Fall 6 lks. S. of the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of Tp., hereinbefore described.  
 Thence  
 S.89°57'W., on a true line, bet. secs. 24 and 25.  
 Over nearly level land, through scattering undergrowth.  
 40.06 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

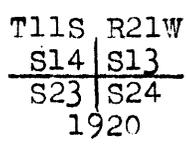


71.60 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 Shallow wash, 30 lks. wide, course S.75°W.  
 80.12 The cor. of secs. 23, 24, 25 and 26.  
 Land, nearly level; drains W.  
 Soil, sandy loam, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, sagebrush and scattering iron-wood.  
 Fair growth of galletta grass.

N.0°1'W., bet. secs. 23 and 24.  
 Over nearly level land, through low scattering undergrowth.  
 Asc. 20 ft.  
 10.00 Low sand ridge, brs. E. and W. Desc.  
 32.00 Shallow wash, course WSW.  
 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



Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 62.50 Shallow wash, 40 lks. wide, course WSW.  
 80.00 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



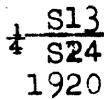
Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, nearly level; drains W.  
 Soil, sandy loam, 2nd rate.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

No timber.  
Undergrowth, greasewood and sagebrush.  
Good growth of galletta grass and Indian wheat.

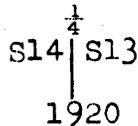
40.00 N.89°57'E., on a random line, bet. secs. 13 and 24.  
Set temp. 1/4 sec. cor.  
80.14 Fall 9 lks. N. of the cor. of secs. 13, 18, 19 and 24, on  
the E. bdy. of Tp., hereinbefore described.  
Thence  
N.89°59'W., on a true line, bet. secs. 13 and 24.  
Over nearly level land, through thick undergrowth.  
40.07 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.

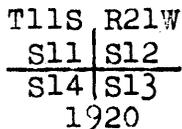
80.14 The cor. of secs. 13, 14, 23 and 24.  
Land, nearly level.  
Soil, sandy loam, 3rd rate.  
No timber.  
Undergrowth, greasewood, sagebrush and ironwood.  
Good growth of galletta grass and Indian wheat.

40.00 N.0°1'W., bet. secs. 13 and 14.  
Over nearly level land, through thick 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., N. and S. of post, 3 ft. dist.

40.20 Shallow wash, 10 lks. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 11, 12, 13 and 14, 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, sagebrush and ironwood.  
Fair growth of galletta grass and Indian wheat.

40.00 S.89°59'E., on a random line, bet. secs. 12 and 13.  
Set temp. 1/4 sec. cor.  
80.14 Fall 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, on  
the E. bdy. of Tp., hereinbefore described.

Thence  
S.89°58'W., on a true line, bet. secs. 12 and 13.  
Over nearly level land, through medium undergrowth.  
18.15 Shallow wash, 60 lks. wide, course WSW.  
40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \text{ S12} \\ \frac{1}{4} \text{ S13} \\ 1920 \end{array}$$

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

80.14 The cor. of secs. 11, 12, 13 and 14.

Land, nearly level; drains W.

Soil, sandy loam, 3rd rate.

No timber.

Undergrowth, greasewood and sagebrush.

Fair growth of galletta grass and Indian wheat.

N.0°1'W., bet. secs. 11 and 12.

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

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. 1, 2, 11 and 12, marked on brass cap

$$\begin{array}{c} \text{T11S R21W} \\ \text{S 2} \mid \text{S 1} \\ \hline \text{S11} \mid \text{S12} \\ 1920 \end{array}$$

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

Land, level.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood, sagebrush and ocotillo.

40.00 N. 89°58'E., on a random line, bet. secs. 1 and 12.

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

80.08 Intersect the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of Tp., hereinbefore described.

Thence

S. 89°58'W., on a true line, bet. secs. 1 and 12.

Over level land, through scattering 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
$$\begin{array}{c} \frac{1}{4} \text{ S 1} \\ \frac{1}{4} \text{ S12} \\ 1920 \end{array}$$

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

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

Land, level.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood, sagebrush and ocotillo.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

40.00 N.0°1'W., on a random line, bet. secs. 1 and 2.  
Set temp. 1/4 sec. cor.

80.07 Fall 9 lks. W. of the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of Tp., described in Book "C".  
Thence  
S.0°3'W., on a true line, bet. secs. 1 and 2.  
Over level land, through scattering undergrowth.

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

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

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

80.07 The cor. of secs. 1, 2, 11 and 12.  
Land, level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood, sagebrush and ocotillo.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., hereinbefore described,  
N.0°1'W., bet. secs. 34 and 35.  
Over rolling land, through scattering undergrowth.  
Across sand dunes.

25.00 Leave sand dunes, br. E. and W. Thence over gently rolling land.

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S34\ | \ S35 \\ | \\ 1920 \end{array}$$

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

$$\begin{array}{c} T11S\ R21W \\ \hline S27\ | \ S26 \\ \hline S34\ | \ S35 \\ \hline 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, rolling and gently rolling.  
Soil, 1st 25 chs., sandy, 3rd rate; remainder, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 N.89°58'E., on a random line, bet. secs. 26 and 35.  
Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 25, 26, 35 and 36, hereinbefore described.  
Thence  
West on a true line, bet. secs. 26 and 35.  
Over nearly level land, through scattering undergrowth.

40.03 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 T. 11 S., R. 21 W.

Chains.

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

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

40.00 N.0°1'W., bet. secs. 26 and 27.  
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

$$\begin{array}{c} \frac{1}{4} \\ S27 \quad | \quad S26 \\ 1920 \end{array}$$

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. 22, 23, 26 and 27, marked on brass cap

$$\begin{array}{c} T11S, R21W \\ \frac{S22 \quad | \quad S23}{S27 \quad | \quad S26} \\ 1920 \end{array}$$

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, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

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

40.06 Thence  
N.89°59'W., on a true line, bet. secs. 23 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

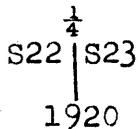
$$\frac{1}{4} \frac{S23}{S26}$$
 1920

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

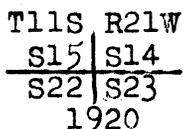
N.0°1'W., bet. secs. 22 and 23.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.  
40.00 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



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. 14, 15, 22 and 23, marked on brass cap

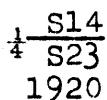


Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
Land, nearly level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 S.89°59'E., on a random line, bet. secs. 14 and 23.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence

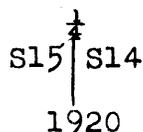
40.05 S.89°58'W., on a true line, bet. secs. 14 and 23.  
Over nearly level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



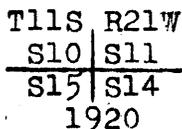
80.10 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

The cor. of secs. 14, 15, 22 and 23.  
Land, nearly level.  
Soil, sandy loam, 1st rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

40.00 N.0°1'W., bet. secs. 14 and 15.  
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. 10, 11, 14 and 15, marked on brass cap



Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.	<p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.                  Land, level.                  Soil, sandy loam, 2nd rate.                  No timber.                  Undergrowth, greasewood and sagebrush.</p>
<p>40.00 80.06  40.03   80.06</p>	<p>N.89°58'E., on a random line, bet. secs. 11 and 14.                  Set temp. <math>\frac{1}{4}</math> sec. cor.                  Intersect N. and S. line, 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.                  Thence                  S.89°55'W., on a true line, bet. secs. 11 and 14.                  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> $\begin{array}{c} \frac{1}{4} \text{ S11} \\ \frac{1}{4} \text{ S14} \\ 1920 \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.                  The cor. of secs. 10, 11, 14 and 15.                  Land, nearly level.                  Soil, sandy loam, 2nd rate.                  No timber.                  Undergrowth, greasewood, sagebrush and ocotillo.</p>
<p>40.00   80.00</p>	<p>N.0°1'W., bet. secs. 10 and 11.                  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> $\begin{array}{c} \frac{1}{4} \\ \text{S10}   \text{S11} \\ 1920 \end{array}$ <p>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. 2, 3, 10 and 11, marked on brass cap</p> $\begin{array}{c} \text{T11S R21W} \\ \text{S 3   S 2} \\ \hline \text{S10   S11} \\ 1920 \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE. &amp; SW. and NW. of post, 3 ft. dist.                  Land, level.                  Soil, sandy loam, 2nd rate.                  No timber.                  Undergrowth, greasewood and sagebrush.</p>
<p>40.00 80.08  40.04</p>	<p>N.89°55'E., on a random line, bet. secs. 2 and 11.                  Set temp. <math>\frac{1}{4}</math> sec. cor.                  Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11 and 12.                  Thence                  S.89°59'W., on a true line, bet. secs. 2 and 11.                  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>

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

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

80.08 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 2, 3, 10 and 11.  
 Land, level.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood, sagebrush and ocotillo.

40.00 N.0°3'E., on a random line, bet. secs. 2 and 3.  
 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Fall 7 lks..W. of the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of Tp., described in Book "C".

Thence

40.10 S.0°6'W., on a true line, bet. secs. 2 and 3.  
 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

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

80.10 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, level.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood, sagebrush, ocotillo and ironwood.

40.00 From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of Tp., hereinbefore described,  
 N.0°2'W., bet. secs. 33 and 34.  
 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

$$\begin{array}{c} \frac{1}{4} \\ S 33 | S 34 \\ 1920 \end{array}$$

80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist. Thence over sand dunes, bearing E. and W.  
 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

$$\begin{array}{c} T 11 S R 21 W \\ \frac{S 28 | S 27}{S 33 | S 34} \\ 1920 \end{array}$$

Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, nearly level in S. half; rolling sand dunes in N. half.  
 Soil, shifting sands; 4th rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.	N.89°58'E., on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.
	Thence
	S.89°59'W., on a true line, bet. secs. 27 and 34.
	Over gently rolling land, through scattering undergrowth.
39.94	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
	$\frac{1}{4} \frac{S27}{S34}$ 1920
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
79.88	Thence over gently rolling land, across sand dunes. The cor. of secs. 27, 28, 33 and 34.
	Land, Gently rolling.
	Soil, W. 40 chs., shifting sand, 4th rate; remainder, 1st and 2nd rates.
	No timber.
	Undergrowth, greasewood and sagebrush.
	Fair growth of galletta grass.
	N.0°2'W., bet. secs. 27 and 28.
	Over rolling land, through scattering undergrowth.
	Across sand dunes.
14.00	Desc. 15 ft.
15.00	Asc. 10 ft.
18.50	Desc. 20 ft.
20.00	Asc. 20 ft.
23.00	Desc. 15 ft.
25.00	Leave sand dunes, brs. E. & W. Thence over gently rolling land.
35.00	Asc. 10 ft.
36.00	Desc. 20 ft.
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
	$\frac{1}{4} \frac{S28}{S27}$ 1920
	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. 21, 22, 27 and 28, marked on brass cap
	$\frac{T11S, R21W}{\frac{S21}{S28} \frac{S22}{S27}}$ 1920
	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.
	Land, rolling and gently rolling.
	Soil, shifting sands; 4th rate.
	No timber.
	Undergrowth, greasewood and sagebrush.
	N.89°59'E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence
	N.89°59'W., on a true line, bet. secs. 22 and 27.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

39.90 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

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

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

Leave level land, brs. NW. and S. Thence over rolling sand dunes.

79.80 The cor. of secs. 21, 22, 27 and 28.

Land, level and rolling.  
 Soil, W. 20 chs., shifting sands, 4th rate; remainder, 3rd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

20.00 N.0°2'W., bet. secs. 21 and 22.  
 Over rolling land, through scattering undergrowth.

40.00 Leave rolling, thence across level land.

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

$$\begin{array}{r} \frac{1}{4} \\ S21 | S22 \\ \hline 1920 \end{array}$$

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. 15, 16, 21 and 22, marked on brass cap

$$\begin{array}{r} T11S R21W \\ \frac{S16 | S15}{S21 | S22} \\ \hline 1920 \end{array}$$

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

40.00 S.89°59'E., on a random line, bet. secs. 15 and 22.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence West on a true line, bet. secs. 15 and 22.

39.96 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

$$\begin{array}{r} \frac{1}{4} S15 \\ \frac{1}{4} S22 \\ \hline 1920 \end{array}$$

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

The cor. of secs. 15, 16, 21 and 22.

24

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

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

40.00 N.0°2'W., bet. secs. 15 and 16.  
Over nearly level land, through medium 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

$$\begin{array}{c} \frac{1}{4} \\ \text{S16} \mid \text{S15} \\ 1920 \end{array}$$

45.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Leave sand belt, brs. NW. and SE. Thence over level land.  
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

$$\begin{array}{c} \text{T11S R21W} \\ \text{S 9} \mid \text{S10} \\ \hline \text{S16} \mid \text{S15} \\ 1920 \end{array}$$

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

40.00 East on a random line, bet. secs. 10 and 15.  
79.88 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.

39.94 Thence  
S.89°59'W., on a true line, bet. secs. 10 and 15.  
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

$$\begin{array}{c} \frac{1}{4} \text{ S10} \\ \frac{1}{4} \text{ S15} \\ 1920 \end{array}$$

79.88 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, level.  
Soil, sandy loam, 2nd rate.  
No timber.  
Undergrowth, greasewood and sagebrush.

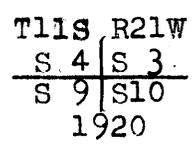
40.00 N.0°2'W., bet. secs. 9 and 10.  
Over level land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S 9} \mid \text{S10} \\ 1920 \end{array}$$

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

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. 3, 4, 9 and 10, marked on brass cap



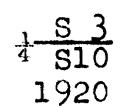
Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist.  
 Land, level; drains SW.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass and Indian wheat.

40.00 N.89°59'E., on a random line, bet. secs. 3 and 10.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence  
 S.89°59'W., on a true line, bet. secs. 3 and 10.  
 Over nearly level land, through medium undergrowth.

39.97 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



From which

An ironwood, 5 ins. diam., brs. N.30 $\frac{1}{2}$ °E., 214 lks. dist., marked  $\frac{1}{4}$ S3 BT.

An ironwood, 6 ins. diam., brs. S.50°50'E., 224 lks. dist., marked  $\frac{1}{4}$ S10 BT.

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

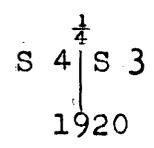
Land, nearly level.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass and Indian wheat.

40.00 N.0°6'E., on a random line, bet. secs. 3 and 4.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Wall 19 lks. E. of the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., described in Book "C."

Thence  
 S.0°2'E., on a true line, bet. secs. 3 and 4.  
 Over level land, through medium undergrowth.

39.98 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.

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

Land, level; drains NE.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of galletta grass.

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.	
	<p>From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp., hereinbefore described, N.0°2'W., bet. secs. 32 and 33. Over rolling land, through scattering undergrowth. Across sand dunes.</p>
40.00	<p>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> $\begin{array}{c} \dagger \\ \text{S32} \mid \text{S33} \\ \hline 1920 \end{array}$
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. 28, 29, 32 and 33, marked on brass cap</p> $\begin{array}{c} \text{T11S R21W} \\ \text{S29} \mid \text{S28} \\ \hline \text{S32} \mid \text{S33} \\ \hline 1920 \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, rolling. Soil, shifting sands, 4th rate. No timber. Undergrowth, greasewood and sagebrush.</p>
40.00	<p>N.89°58'E., on a random line, bet. secs. 28 and 33. Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.26	<p>Intersect N. and S. line, 2 lks. S. of the cor. of secs. 27, 28, 33 and 34. Thence, S.89°57'W., on a true line, bet. secs. 28 and 33. Across sand dunes, thru scattering undergrowth.</p>
20.00	<p>Leave sand dunes, bear NE. &amp; SW. Thence over rolling land.</p>
40.13	<p>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> $\begin{array}{c} \dagger \text{S28} \\ \dagger \text{S33} \\ \hline 1920 \end{array}$
80.26	<p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p> <p>The cor. of secs. 28, 29, 32 and 33. Land, rolling. Soil, shifting sands; 3rd rate. No timber. Undergrowth, sagebrush.</p>
40.00	<p>N.0°2'W., bet. secs. 28 and 29. Over rolling land, through scattering undergrowth.</p>
80.00	<p>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> $\begin{array}{c} \dagger \\ \text{S29} \mid \text{S28} \\ \hline 1920 \end{array}$
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. 20, 21, 28 and 29, marked on brass cap</p>

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

T11S	R21W
S20	S21
<hr/>	
S29	S28
<hr/>	
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, shifting sands, 3rd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N.89°57'E., on a random line, bet. secs. 21 and 28.  
 Set temp. 1/4 sec. cor.  
 80.32 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence  
 S.89°55'W., on a true line, bet. secs. 21 and 28.  
 Over gently rolling land, through scattering undergrowth.  
 40.16 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1	S21
4	S28
<hr/>	
1920	

80.32 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, gently rolling.  
 Soil, sandy, 3rd rate.  
 No timber.  
 Undergrowth, sagebrush and greasewood.

40.00 N.0°2'W., bet. secs. 20 and 21.  
 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

1/4	S21
S20	
<hr/>	
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. 16, 17, 20 and 21, marked on brass cap

T11S	R21W
S17	S16
<hr/>	
S20	S21
<hr/>	
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, 3rd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

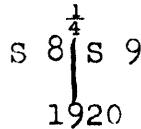
40.00 N.89°55'E., on a random line, bet. secs. 16 and 21.  
 Set temp. 1/4 sec. cor.  
 80.28 Intersect the cor. of secs. 15, 16, 21 and 22.

## Survey of the Subdivision of T. 11 S., R. 21 W.

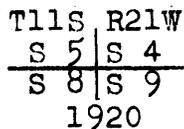
Chains.	Thence S.89°55'W., on a true line, bet. secs. 16 and 21. Over gently rolling land, through scattering undergrowth.
40.14	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4} \frac{S16}{S21}$ 1920
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
80.28	The cor. of secs. 15, 16, 21 and 22. Land, gently rolling. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.
	N.0°2'W., bet. secs. 16 and 17. 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
	$\begin{array}{c} \frac{1}{4} \\ S17 \quad   \quad S16 \\ \hline 1920 \end{array}$
	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. 8, 9, 16 and 17, marked on brass cap
	$\begin{array}{c} T11S \quad R21W \\ \hline S \quad 8 \quad   \quad S \quad 9 \\ \hline S17 \quad   \quad S16 \\ \hline 1920 \end{array}$
	Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, gently rolling. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.
	N.89°55'E., on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.34	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.
	Thence S.89°52'W., on a true line, bet. secs. 9 and 16. Over gently rolling land, through scattering undergrowth.
40.17	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
	$\frac{1}{4} \frac{S \quad 9}{S16}$ 1920
	Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
80.34	The cor. of secs. 8, 9, 16 and 17. Land, gently rolling. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains. N.0°2'W., bet. secs. 8 and 9.  
 40.00 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

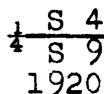


80.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 4, 5, 8 and 9, marked on brass  
 cap



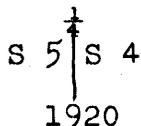
Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW.  
 and NW. of post, 3 ft. dist.  
 Land, gently rolling.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N.89°52'E., on a random line, bet. secs. 4 and 9.  
 Set temp. 1/4 sec. cor.  
 80.26 Intersect the cor. of secs. 3, 4, 9 and 10.  
 Thence  
 S.89°52'W., on a true line, bet. secs. 4 and 9.  
 40.13 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



80.26 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
 dist.  
 The cor. of secs. 4, 5, 8 and 9.  
 Land, nearly level.  
 Soil, sandy loam, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N.0°2'W., on a random line, bet. secs. 4 and 5.  
 Set temp. 1/4 sec. cor.  
 80.11 Fall 21 lks. W. of the cor. of secs. 4, 5, 32 and 33, on  
 the N. bdy. of Tp., described in Book "C".  
 Thence  
 S.0°7'W., on a true line, bet. secs. 4 and 5.  
 40.11 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



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

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains. 80.11	<p>The cor. of secs. 4, 5, 8 and 9. Land, nearly level. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.</p>
40.00	<p>From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp., hereinbefore described, N.0°3'W., bet. secs. 31 and 32. Over slightly rolling 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> $\begin{array}{c} \dagger \\ \text{S31} \mid \text{S32} \\ \text{1920} \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap</p> $\begin{array}{c} \text{T11S R21W} \\ \text{S30} \mid \text{S29} \\ \hline \text{S31} \mid \text{S32} \\ \text{1920} \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., in each sec., NE., SE., SW. and NW. of post, 3 ft. dist. Land, slightly rolling; drains NE. Soil, sandy, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.</p>
40.00 79.98	<p>N.89°58'E., on a random line, bet. secs. 29 and 32. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29, 32 and 33. Thence</p>
39.99	<p>West on a true line, bet. secs. 29 and 32. 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> $\begin{array}{c} \frac{1}{4} \text{ S29} \\ \frac{1}{4} \text{ S32} \\ \text{1920} \end{array}$ <p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p>
79.98	<p>The cor. of secs. 29, 30, 31 and 32. Land, nearly level. Soil, sandy, 4th rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of galletta grass.</p>
40.00 75.71	<p>S.89°58'W., on a random line, bet. secs. 30 and 31. Set temp. <math>\frac{1}{4}</math> sec. cor. Fall 2 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of Tp., hereinbefore described. Thence N.89°59'E., on a true line, bet. secs. 30 and 31.</p>

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

35.71 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

$\frac{1}{4}$  S30  
S31  
1920

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

The cor. of secs. 29, 30, 31 and 32.  
Land, nearly level; drains NW.  
Soil, sandy, 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 N.0°3'W., bet. secs. 29 and 30.  
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

$\frac{1}{4}$   
S30 | S29  
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. 19, 20, 29 and 30, marked on brass cap

T11S, R21W  
S19 | S20  
S30 | S29  
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, 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass.

40.00 East on a random line, bet. secs. 20 and 29.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.92 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence  
N.89°59'W., on a true line, bet. secs. 20 and 29.

39.96 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  
S29  
1920

79.92 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, nearly level.  
Soil, sandy, 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Fair growth of galletta grass and Indian wheat.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

40.00 S.89°59'W., on a random line, bet. secs. 19 and 30.  
Set temp.  $\frac{1}{4}$  sec. cor.

75.78 Fall 5 lks. N. of the cor. of secs. 19, 24, 25 and 30,  
hereinbefore described.

25.80 N.89°57'E., on a true line, bet. secs. 19 and 30.  
Over nearly level land, through scattering undergrowth.  
Desc. slightly, over NE. slope.

35.78 Thence over level land.  
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

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

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

39.10 From this point, a cedar post, 5 ft. high, a cor. of the  
Eve oil claim, marked "18" on N. and "16" on W. face,  
brs. South about 1 ch. dist.

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

40.00 N.0°3'W., bet. secs. 19 and 20.  
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

$$\begin{array}{c} \frac{1}{4} \\ \text{S19} \mid \text{S20} \\ \hline 1920 \end{array}$$

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. 17, 18, 19 and 20, marked on  
brass cap

$$\begin{array}{c} \text{T11S R21W} \\ \text{S18} \mid \text{S17} \\ \hline \text{S19} \mid \text{S20} \\ \hline 1920 \end{array}$$

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

40.00 S.89°59'E., on a random line, bet. secs. 17 and 20.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect N. and S. line, 7 lks. S. of the cor. of secs.  
16, 17, 20 and 21.

39.97 Thence  
S.89°58'W., on a true line, bet. secs. 17 and 20.  
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

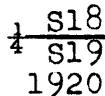
$$\begin{array}{c} \frac{1}{4} \text{ S17} \\ \frac{1}{4} \text{ S20} \\ \hline 1920 \end{array}$$

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

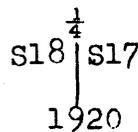
79.94 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 17, 18, 19 and 20.  
 Land, gently rolling.  
 Soil, sand, 2nd rate .  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 S.89°57'W., on a random line, bet. secs. 18 and 19.  
 Set temp. 1/4 sec. cor.  
 75.79 Fall 2 lks. S. of the cor. of secs. 13, 18, 19 and 24,  
 on the W. bdy. of Tp., hereinbefore described.  
 Thence  
 N.89°58'E., on a true line, bet. secs. 18 and 19.  
 35.79 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

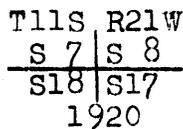


75.79 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 17, 18, 19 and 20.  
 Land, gently rolling.  
 Soil, sand, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

40.00 N.043'W., bet. secs. 17 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 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, greasewood and sagebrush.

40.00 N.89°58'E., on a random line, bet. secs. 8 and 17.  
 Set temp. 1/4 sec. cor.  
 79.94 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
 8, 9, 16 and 17.  
 Thence  
 S.89°57'W., on a true line, bet. secs. 8 and 17.  
 Over gently rolling land, through scattering undergrowth.

## Survey of the Subdivision of T. 11 S., R. 21 W.

Chains. 39.97	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  $\begin{array}{c} \frac{1}{4} \text{ S } 8 \\ \hline \text{S } 17 \\ 1920 \end{array}$ Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
79.94	The cor. of secs. 7, 8, 17 and 18. Land, gently rolling. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.
40.00 75.75	S.89°58'W., on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor. Fall 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of Tp., hereinbefore described. Thence N.89°56'E., on a true line, bet. secs. 7 and 18. Over gently rolling land, through scattering undergrowth.
35.75	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  $\begin{array}{c} \frac{1}{4} \text{ S } 7 \\ \hline \text{S } 18 \\ 1920 \end{array}$ Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.
75.75	The cor. of secs. 7, 8, 17 and 18. Land, gently rolling. Soil, sandy, 2nd rate. No timber. Undergrowth, greasewood and sagebrush.
40.00	N.0°3'W., 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  $\begin{array}{c} \frac{1}{4} \\ \text{S } 7 \text{   } \text{S } 8 \\ \hline 1920 \end{array}$ 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. 5, 6, 7 and 8, marked on brass cap  $\begin{array}{c} \text{T11S R21W} \\ \text{S } 6 \text{   } \text{S } 5 \\ \hline \text{S } 7 \text{   } \text{S } 8 \\ 1920 \end{array}$ 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, 2nd rate. No timber. Undergrowth, greasewood and sagebrush. Fair growth of grass.

Survey of the Subdivision of T. 11 S., R. 21 W.

Chains.

40.00 N.89°57'E., on a random line, bet. secs. 5 and 8.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
 4, 5, 8 and 9.

Thence

39.98 S.89°56'W., on a true line, bet. secs. 5 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

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \hline \frac{1}{4} \text{ S } 8 \\ 1920 \end{array}$$

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

79.96 The cor. of secs. 5, 6, 7 and 8.  
 Land, gently rolling.  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of grass.

40.00 S.89°56'W., on a random line, bet. secs. 6 and 7.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 75.70 Intersect the cor. of secs. 1, 6, 7 and 12, hereinbefore  
 described, on the W. bdy. of Tp.

Thence

35.70 N.89°56'E., on a true line, bet. secs. 6 and 7.  
 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

$$\begin{array}{r} \frac{1}{4} \text{ S } 6 \\ \hline \frac{1}{4} \text{ S } 7 \\ 1920 \end{array}$$

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

75.70 The cor. of secs. 5, 6, 7 and 8.  
 Land, gently rolling  
 Soil, sandy, 2nd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Fair growth of grass.

40.00 N.0°7'E., on a random line, bet. secs. 5 and 6.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Fall 7 lks. E. of the cor. of secs. 5, 6, 31 and 32, on  
 the N. bdy. of Tp., described in Book "C".

Thence

40.10 S.0°4'W., on a true line, bet. secs. 5 and 6.  
 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

$$\begin{array}{r} \frac{1}{4} \\ \text{S } 6 \text{ | } \text{S } 5 \\ \hline 1920 \end{array}$$

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

80.10 The cor. of secs. 5, 6, 7 and 8.  
 Land, gently rolling.  
 Soil, sandy, 2nd and 3rd rates.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

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

#### GENERAL DESCRIPTION

Nearly the entire township is level or gently rolling land, of sandy, or sandy loam, soil, varying from 2nd to 3rd rate, covered with greasewood and sagebrush undergrowth and galletta grass. In the south central portion, the land consists of shifting sand dunes. Although the slope appears to be toward the west, there is no well defined drainage across the township, as such washes as enter the township on the east soon sink in the sand.

There are no settlers, nor has any water been developed.



38  
BOOK 3451

TEMPORARY  
CERTIFICATE OF UNITED STATES 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  
West Boundary  
and  
Subdivision Lines of  
Township 11 South - Range 21 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, Parkland, Wash.  
Date, Aug 15, 1921.

William D. Wilson  
Temporary U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

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.

2001

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; surveyed all those parts or portions of the East Boundary South Boundary and Subdivision Lines of Township 11 South, Range 21 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, Phoenix Ariz  
Date, July 16th 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 survey of the West, East and South Boundaries and

Subdivision Lines of Township 11 South, Range 21 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 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 they describe, are hereby approved.

Frank D. Frost  
U. S. Surveyor General.

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