

3358

Book "D"
4-679

Original

Completed

BOOK 3358

FIELD NOTES

BOOK 3358

RE-
OF THE SURVEY OF THE

3358

East Boundary of Township 20 North, Range 12 East
(Third Guide Meridian East)

subdivision lines AND OF THE SURVEY OF THE

West Boundary of Fractional Township 20 North, Range 12 1/2 East
(Third Guide Meridian East)

and

Subdivision lines of
Fractional Township 20 North, Range 12 1/2 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews, U.S. Surveyor,

and

Elmer F. Strickler, U.S. Transitman,

~~In the capacity of U.S. Surveyor~~, under Special Instructions dated December 1, 1916
issued by the United States Surveyor General to govern surveys included in Group
No. 78, Arizona, which were approved by the Commissioner of the General Land
Office, December 19, 1916, and Assignment Instructions dated _____, 191

Resurvey & Survey commenced February 19, 1917.

Resurvey & Survey completed February 22, 1917.

256
1A

3358

INDEX ~ DIAGRAM ~

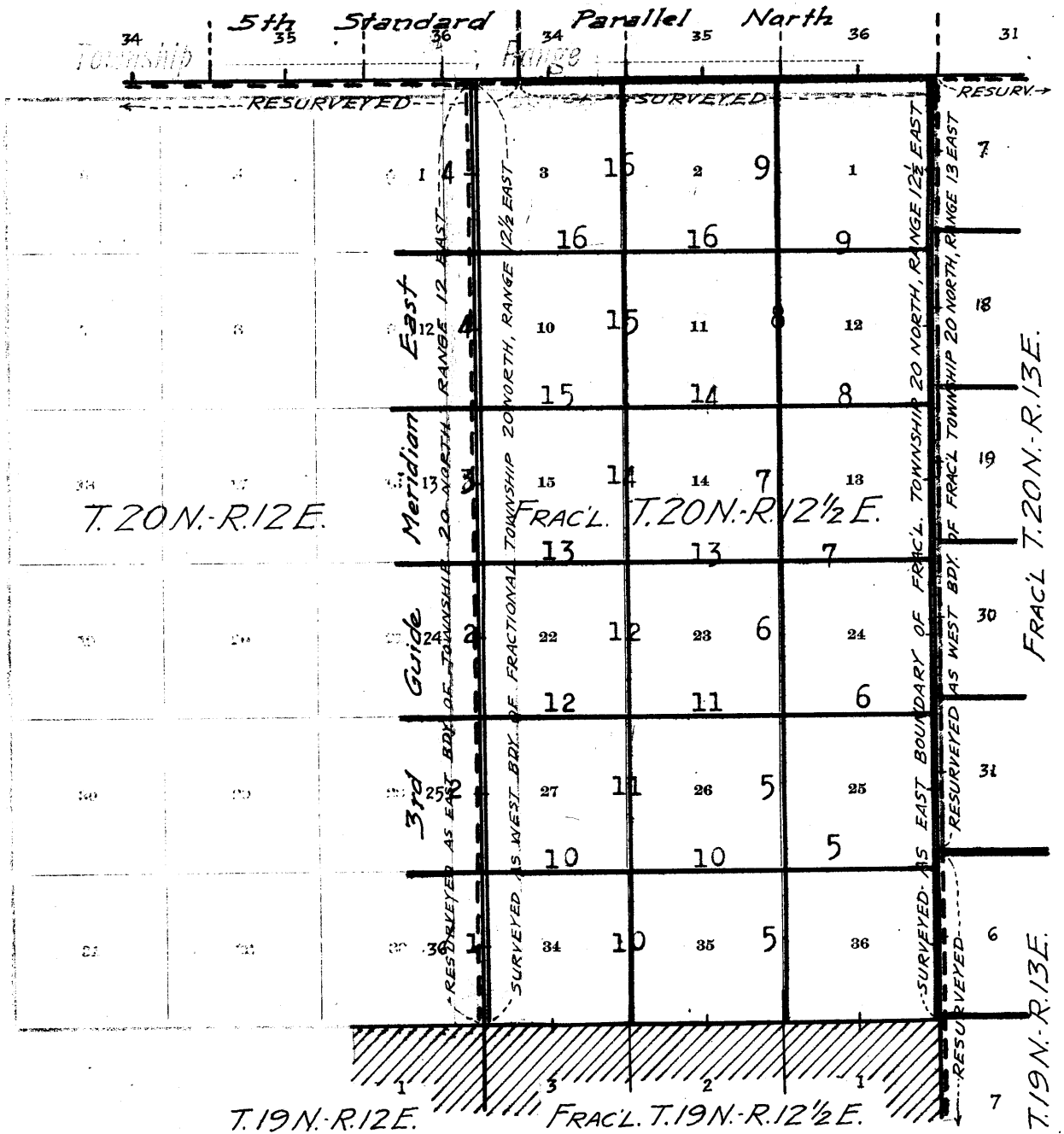
Book "D"

Group 78 - - - Arizona.

NAVAJO INDIAN RESERVATION

T. 21 N. - R. 12 E.

FRAC. T. 21 N. - R. 12 1/2 E.



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

Chains.

Resurveys and Surveys hereinafter described, executed by Thos. B. Matthews, U.S. Surveyor, and Elmer F. Strickler, U.S. Transitman, on dates shown on page 18 hereof, using respectively Buff solar transit No. 10124, and Young and Sons' light mountain transit No. 8588, both instruments being equipped with Smith solar attachments. For description of instruments and certificates of approval, see Book "A."

From recent and repeated tests of these instruments on a meridian determined by observations on Polaris at elongation, we know that they are in adjustment.

INDEPENDENT RESURVEY OF 3RD. GUIDE MERIDIAN E., THRU. TS. 20 N., IDENTICAL WITH SURVEY OF W. BDY. OF FRACL. T. 20 N., R. 12 1/2 E.

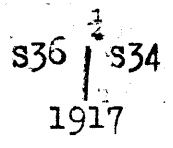
The original cor. of Ts. 19 and 20 N., Rs. 12 and 13 E., on 3rd Guide Meridian East was reestablished in original position in November, 1908, as reestablished cor. of Ts. 19 and 20 N., R. 12 E., and original cor. of fracl. Ts. 19 and 20 N., R. 12 1/2 E., and is a limestone 20x18x18 ins. above ground, firmly set, marked with 6 notches on each of N., S., E. and W. edges, and witnessed by a mound of stone, S. of cor. No bearing trees.

From this cor., house of Abraham Salazar brs. N. 80 1/2° E.; about 25 chs. dist.

The independent resurvey of the 3rd. Guide Meridian E., thru. T. 20 N., as hereinafter described, is a resurvey of E. bdy. of T. 20 N., R. 12 E., but the line never having been surveyed as a W. bdy. of fracl. T. 20 N., R. 12 1/2 E., it now also becomes an original survey of the W. bdy. of the latter township, and the cors. set are designated as reestablished cors. in their relation to areas W. of the line, and as original cors. in their relation to the areas east of the line.

Thence, North, bet. sec. 36, and fracl. sec. 34. Over rolling land, thru. scattering undergrowth. Descend 35 ft.

- 1.24 Wash, 30 lks. wide, 4 ft. deep, course NW.
- 5.99 Same wash, course N. 6° E. Ascend 35 ft.
- 9.00 Rocky point, extends 5 chs. E.
- 12.00 Left rim of Canyon Diablo, brs. E and W. Descend 70 ft.
- 15.60 Wash, 30 lks. wide, course W. in bottom of Canyon Diablo. Ascend 50 ft.
- 19.00 Right rim of Canyon Diablo, brs. E and W. Thence over rolling land.
- 39.20 Road brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, in a mound of stone, for reestablished 1/4 sec. cor. of sec. 36, and original 1/4 sec. cor. of fracl. sec. 34, marked on brass cap.



and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

From this cor., the original 1/4 sec. cor. of secs. 31 and 36, which is a limestone, 8x8x12 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general, brs. N. 24° 10' W., 1.38 chs. dist. Destroy all trace of this cor.

From the reestablished 1/4 sec. cor., Carlos Costello's old house brs. N. 43° W.

- 63.70 Old road, brs. E. and W.
- 78.50 Road brs. NE. and SW.; road brs. N. 15° W. and S. 15° E.
- 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in

Independent Resurvey of 3rd. Guide Meridian East, thru. Ts. 20 N., identical with survey of W. bdy. of fracl. T. 20 N., R. 12 1/2 E.

Chains.

the ground, for reestablished cor. of secs. 25 and 36, T. 20 N., R. 12 E., and original cor. of fracl. secs. 27 and 34, fracl. T. 20 N., R. 12 1/2 E., marked on brass cap,

T20N	
R12E	R12 1/2 E.
S25	S27
S36	S34
1917	

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 25, 30, 31 and 36. From this reestablished cor., Carlos Costello's old house brs. S. 51° 15' W.
Land, rolling and broken.
Soil, thin and rocky, 3rd rate.
No timber.
Undergrowth, broom brush, greasewood, shadskale, and Brigham brush. Short grass.

40.00

North, bet. sec. 25, and fracl. sec. 27.
Over rolling land, thru scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 25, and original 1/4 sec. cor. of fracl. sec. 27, marked on brass cap,

S25	S27
1917	

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

Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor. of secs. 25 and 30.

52.20

Road, brs. N. 10° E. and S. 10° W.

79.30

Road brs. NW. and SE.

80.00

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 24 and 25, T. 20 N., R. 12 E., and original cor. of fracl. secs. 22 and 27, fracl. T. 20 N., R. 12 1/2 E., marked on brass cap,

T20N	
R12E	R12 1/2 E.
S24	S22
S25	S27
1917	

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 19, 24, 25 and 30.

Land, rolling and slightly rolling.

Soil, thin, sandy loam, 3rd rate.

No timber.

Undergrowth, broom brush, greasewood and shadskale.

Short grass.

36.80

North, bet. sec. 24, and fracl. sec. 22.
Over slightly rolling land, thru scattering undergrowth.

40.00

Highway brs. N. 40° W. and S. 40° E.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 24, and original 1/4 sec. cor. of fracl. sec. 22, marked on brass cap,

Independent Resurvey of 3rd. Guide Meridian East, thru. Ts. 20 N., identical with survey of W. bdy. of fracl. T. 20 N., R. 12 1/2 E. 3

Chains.

S24 | S22
1917

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor. of secs. 19 and 24.
60.00 Shallow draw, course NW.
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 13 and 24, T. 20 N., R. 12 E., and original cor. of fracl. secs. 15 and 22, fracl. T 20 N., R. 12 1/2 E., marked on brass cap,

T20N
R12E | R12 1/2 E
S13 | S15
S24 | S22
1917

And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 13, 18, 19 and 24. Land, slightly rolling. Soil, thin and rocky, 3rd rate. No timber. Undergrowth, broom brush, shadskale and brigham brush. Fair grass.

North, bet. sec. 13. and fracl. sec. 15. Over slightly rolling land, thru. scattering undergrowth.
11.50 Road, brs. NE. and SW. Descend.
28.00 Low ridge, brs. NE. and SW. Descend.
35.00 Shallow draw, course NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 13, and original 1/4 sec. cor. of fracl. sec. 15, marked on brass cap,

S13 | S15
1917

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Diligent search in this vicinity failed to reveal any trace of the original 1/4 sec. cor. of secs. 13 and 18.
75.64 Road brs. E. and W.
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 14 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 12 and 13, T. 20 N., R. 12 E., and original cor. of fracl. secs. 10 and 15, fracl. T. 20 N., R. 12 1/2 E., marked on brass cap,

T20N
R12E | R12 1/2 E
S12 | S10
S13 | S15
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 7, 12, 13 and 18. Land, slightly rolling. Soil, thin and rocky, 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Short grass.

Independent Resurvey of 3rd. Guide Meridian East, thru Ts. 20 N.,
 identical with survey of W. bdy. of fracl. T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.	North, bet. secs. 12, and fracl. sec. 10. Over slightly rolling land, thru scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 12, and original $\frac{1}{4}$ sec. cor. of fracl. sec. 10, marked on brass cap, $\begin{array}{c} \text{S12} \text{S10} \\ \hline 1917 \end{array}$ and raise mound of stone, 3 ft. base, 2 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12.
74.40	Road brs. N. 6; $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
74.60	Right of way fence, brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
75.00	Block Signal line, brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
75.34	Postal Telegraph line, brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
76.00	West bound track of A. T. and S. F. Ry., brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
76.30	East bound track of A. T. & S. F. Ry., brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
77.00	Western Union Telegraph line, brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
77.98	Right of way fence, brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
78.15	Road brs. N. 61 $\frac{1}{2}$ ° W. and S. 61 $\frac{1}{2}$ ° E.
80.00	Set an iron post, 3 ft. long, 3 ins. in diam., 14 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 1 and 12, T. 20 N., R. 12 E., and original cor. of fracl. secs. 3 and 10, fracl. T. 20 N., R. 12 $\frac{1}{2}$ E., marked on brass cap, $\begin{array}{c} \text{T20N} \\ \text{R12E} \text{R12}\frac{1}{2}\text{E} \\ \hline \text{S 1} \text{S 3} \\ \hline \text{S12} \text{S10} \\ \hline 1917 \end{array}$ and raise mound of stone, 3 ft. base, 3 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original cor. of secs. 1, 6, 7 and 12. Land, slightly rolling. Soil, sandy loam, rocky, 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale, and Brigham brush. Short grass.

	North, bet. secs. 1 and fracl. sec. 3. Over level land, thru scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 1, and original $\frac{1}{4}$ sec. cor. of fracl. sec. 3, marked on brass cap, $\begin{array}{c} \text{S 1} \text{S 3} \\ \hline 1917 \end{array}$ and raise mound of stone, 3 ft. base, 2 ft. high, W. of cor. Diligent search in this vicinity failed to reveal any trace of the original $\frac{1}{4}$ sec. cor. of secs. 1 and 6.
44.10	Telephone line, brs. N. 80° W. and S. 80° E.
55.00	Shallow draw, course NE.
73.00	Shallow draw, course NE.
89.00	Intersect the Fifth Std. Par. N., 12.89 chs. E. of reestablished standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 21 N., R. 12 E., described in Book "C." At the point of intersection, Set an iron post, 3 ft. long, 3 ins. in diam., 14 ins. in ground, in mound of stone, for reestablished closing cor. of T. 20 N., R. 12 E. and original closing cor. of fracl. T. 20 N., R. 12 $\frac{1}{2}$ E., marked on brass cap, $\begin{array}{c} \text{C} \text{C} \\ \hline \text{S 1} \text{S 3} \\ \hline \text{R12E} \text{R12}\frac{1}{2}\text{E} \\ \hline \text{T20N} \\ \hline 1917 \end{array}$ And raise mound of stone, 3 ft. base, 2 ft. high, S. of cor. Diligent search in this vicinity failed to reveal any trace of the original closing cor. of Ts. 20 N., Rs. 12 & 13 E. Land, slightly rolling. No timber. Soil, thin, sandy and rocky, 3rd. rate. Undergrowth, broom brush, shadskale & Brigham brush. short grass.

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E. 5.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is a sandstone, 6 X 12 X 16 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.

40.00

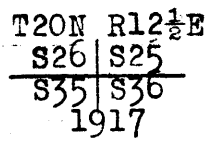
N.0°1'W., bet. secs. 35 and 36.
Over rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



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. 25, 26, 35 and 36, marked on brass cap



And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

40.00

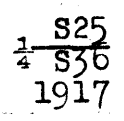
N.89°57'E., on a random line, bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.

80.00

Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 25 and 36, described in Book "C".
Thence

40.00

S.89°54'W., on a true line, bet. secs. 25 and 36.
Over rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



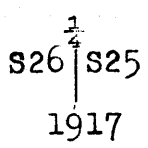
And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.00

The cor. of secs. 25, 26, 35 and 36.
Land, rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

40.00

N.0°1'W., bet. secs. 25 and 26.
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



6. Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.	<p>And raise a mound of stone, 3 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., on solid rock in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap</p> <p style="text-align: center;">T20N R12$\frac{1}{2}$ E. S23 S24 <u>S26 S25</u> 1917</p> <p>And raise a mound of stone, 3 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, thin, sandy; 3rd rate. No timber. Undergrowth, broom brush. Good grass.</p>
40.00 79.96 39.98	<p>N.89°54'E., on a random line, bet. secs. 24 and 25. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 24 and 25, described in Book "C". Thence</p> <p>S.89°53'W., on a true line, bet. secs. 24 and 25. Over rolling land, through scattering undergrowth.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <p style="text-align: center;">$\frac{1}{4}$ S24 <u> S25</u> 1917</p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>66.25 Old dim road, brs. N. and S. 66.46 Telephone line, brs. N. and S. 79.96 The cor. of secs. 23, 24, 25 and 26. Land, rolling. Soil, thin and sandy; 3rd rate. No timber. Undergrowth, broom brush. Good grass.</p>
40.00 80.00	<p>N.0°1'W., bet. secs. 23 and 24. Over rolling land, through scattering undergrowth.</p> <p>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</p> <p style="text-align: center;">S23 S24 $\frac{1}{4}$ 1917</p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>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</p> <p style="text-align: center;">T20N R12$\frac{1}{2}$E S14 S13 <u>S23 S24</u> 1917</p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling.</p>

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E. 7.

Chains.	Soil, thin and sandy; 3rd rate. No timber. Undergrowth, broom brush. Good grass.
40.00	N.89°53'E., on a random line, bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 13 and 24, described in Book "C". Thence S.89°52'W., on a true line, bet. secs. 13 and 24. Over rolling land, through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{r} \frac{1}{4} S13 \\ \frac{1}{4} S24 \\ \hline 1917 \end{array}$
74.90	And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
80.00	Telephone line, brs. N. and S. The cor. of secs. 13, 14, 23 and 24. Land, rolling. Soil, thin and sandy; 3rd rate. No timber. Undergrowth, broom brush. Good grass.
8.42	N.0°1'W., bet. secs. 13 and 14. Over slightly rolling land, through scattering undergrowth.
13.65	Road, brs. NE. and SW.
40.00	Road, brs. NE. and SW. 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 $\begin{array}{c} \frac{1}{4} \\ S14 \mid S13 \\ \hline 1917 \end{array}$
67.78	And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
69.14	From this cor., the water tank at Sunshine Sta., brs. N.20°E.
69.58	Road, brs. NW. and SE.
69.72	Right of way fence, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
70.37	Block signal line, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
70.63	Postal Telegraph line, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
70.86	Side Track, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E. Water tank at Sunshine brs. S.58°E.
71.60	West Bound Track of A. T. and S. F. Ry., brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
72.60	East Bound Track of A. T. and S. F. Ry., brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
72.80	Western Union Telegraph line, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
80.00	Right of Way fence, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E. Road, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

8. Survey of the Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.

T20N R12 $\frac{1}{2}$ E
S11 | S12
S14 | S13
1917

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, slightly rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

40.00
80.00

N.89°52'E., on a random line, bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 12 and 13, described in Book "C".

40.00

Thence
S.89°55'W., on a true line, bet. secs. 12 and 13.
Over slightly rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap.

$\frac{1}{4}$ S12
S13
1917

60.40
80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Old road, brs. NE. and SW.
The cor. of secs. 11, 12, 13 and 14.
Land, slightly rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

5.35
40.00

N.0°1'W., bet. secs. 11 and 12.
Over slightly rolling land, through scattering undergrowth.
Old road, brs. NW. and SE.
Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S11 | S12
1917

67.95
80.00

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Telephone line, brs. NW. and SE.
Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

T20N R12 $\frac{1}{2}$ E
S 2 | S 1
S11 | S12
1917

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
Land, slightly rolling.
Soil, thin and sandy; 3rd rate.
No timber.

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

9.

Chains.

Undergrowth, broom brush.
Good grass.

40.00 N.89°55'E., on a random line, bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
79.94 Intersect E. bdy. of Tp., at the cor. of secs. 1 and 12,
described in Book "C".
Thence
33.19 S.89°55'W., on a true line, bet. secs. 1 and 12.
Over slightly rolling land, through scattering undergrowth.
Road, brs. N. and S.
39.97 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked
on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 1 \\ \hline \frac{1}{4} \text{ S } 12 \\ 1917 \end{array}$$

79.94 And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N.
of cor.
The cor. of secs. 1, 2, 11 and 12.
Land, slightly rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

40.00 N.0°1'W., on a true line, bet. secs. 1 and 2.
Over slightly 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

$$\begin{array}{r} \frac{1}{4} \\ \text{S } 2 \text{ | } \text{S } 1 \\ \hline 1917 \end{array}$$

44.45 And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor.
88.86 Old road, brs. NW. and SE.
Intersect Fifth Standard Parallel North, 2.03 chs. W. of
the standard cor. of secs. 35 & 36, frac. T. 21 N., R. 12 $\frac{1}{2}$ E.,
described in Book "C".
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground, in a mound of stone, for closing cor. of secs.
1 and 2, marked on brass cap

$$\begin{array}{r} \text{T21N R12}\frac{1}{2}\text{E} \\ \text{S35} \\ \hline \text{S } 2 \text{ | } \text{S } 1 \\ \text{T20N R12}\frac{1}{2}\text{E} \\ \text{C } \text{C} \\ 1917 \end{array}$$

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, S.
of cor.
Land, slightly rolling.
Soil, thin and sandy; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

10. Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.

The cor. of secs. 2 and 35 and fractional secs. 3 and 34, on S. bdy. of Tp. is a limestone, 4 X 8 X 8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General.

Thence

N.0°1'W., bet. sec. 35 and fracl. sec. 34.

Over slightly rolling land, through scattering undergrowth.

12.80

Dim road, brs. E. and W.

23.50

Highway, brs. NW. and SE.

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

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

1917

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

67.70

Road, brs. NE. and SW.

73.00

Low knoll, 6 ft. high.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 26 and 35 and fracl. secs. 27 and 34, marked on brass cap.

T20N R12 $\frac{1}{2}$ E

S27 | S26

S34 | S35

1917

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

Land, slightly rolling.

Soil, thin, sandy loam; 3rd rate.

No timber.

Undergrowth, broom brush, greasewood, shadskale and Brigham brush.

Short grass.

40.00

N.89°57'E., on a random line, bet. secs. 26 and 35.

80.04

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

Intersect N. and S. line, 10 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence

40.02

N.89°59'W., on a true line, bet. secs. 26 and 35.

Over slightly rolling land, through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S26
S35
1917

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

67.90

Road, brs. N. and S. Forkes of road, 1 ch. S.; branches SW.

80.04

The cor. of secs. 26 and 35 and fracl. secs. 27 and 34.

Land, slightly rolling.

Soil, thin and sandy; 3rd rate.

No timber.

Undergrowth, broom brush.

Good grass.

S.89°57'W., on a random line, bet. fracl. secs. 27 and 34.

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E. 11.

<p>Chains. 40.00 77.65</p>	<p>Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 4 lks. S. of the reestablished cor. of secs. 25 and 30 and original cor. of fracl. secs. 27 and 34, hereinbefore described. Thence N.89°59'E., on a true line, bet. fracl. secs. 27 and 34. Over slightly rolling land, through scattering undergrowth. Road, brs. NE. and SW. 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</p> <p style="text-align: center;"> $\frac{1}{4}$ S27 $\frac{1}{4}$ S34 1917 </p> <p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p>
<p>52.35 77.65</p>	<p>Highway, brs. NW. and SE. The cor. of secs. 26 and 35 and fracl. secs. 27 and 34. Land, slightly rolling. Soil, thin, sandy loam; 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Short grass.</p>
<p>12.90 40.00</p>	<p>N.0°1'W., bet. sec. 26 and fracl. sec. 27. Over slightly rolling land, through scattering undergrowth. Shallow draw, course NW. 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</p> <p style="text-align: center;"> $\frac{1}{4}$ S27 S26 1917 </p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
<p>54.30 63.00 80.00</p>	<p>Road, brs. NE. and SW. Thence across washed flat, drains SW. Leave washed flat, drains SW. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23 and 26 and fracl. secs. 22 and 27, marked on brass cap</p> <p style="text-align: center;"> T20N R12$\frac{1}{2}$E S22 S23 S27 S26 1917 </p> <p>And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor. Land, slightly rolling. Soil, thin and sandy loam; 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Short grass.</p>
<p>40.00 80.22</p>	<p>S.89°59'E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 5 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.</p>

12. Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

chains.

39.32 Over rolling land, through scattering undergrowth.
Road, brs. NE. and SW.
40.11 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

$\frac{1}{4}$ S23
S26
1917

And raise a mound stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N.
of cor.

47.45 Road, brs. NE. and SW.
80.22 The cor. of secs. 23 and 26 and fracl. secs. 22 and 27.
Land, rolling.
Soil, thin, sandy loam; 3rd rate.
No timber.
Undergrowth, broom brush.
Good grass.

40.00 S. 89° 59' W., on a random line, bet. fracl. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
77.45 Intersect W. bdy. of Tp., 2 lks. S. of the reestablished
cor; of secs. 24 and 25, and original cor. of fracl. secs.
22 and 27, hereinbefore described.

Thence
East on a true line, bet. fracl. secs. 22 and 27.
Over slightly rolling land, through scattering undergrowth.

16.15 Highway, brs. NW. and SE.
18.05 Road, brs. NE. and SW.
37.45 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

$\frac{1}{4}$ S22
S27
1917

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

77.45 The cor. of secs. 23 and 26 and fracl. secs. 22 and 27.
Land, slightly rolling.
Soil, thin, sandy loam; 3rd rate.
No timber.
Undergrowth, broom brush, greasewood, shadskale and Brigham
brush.
Short grass.

37.00 N. 0° 1' W., bet. secs 23 and fracl. sec. 22.
Over slightly rolling land, through scattering undergrowth.
Thence across washed flat, drains NE.
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

S22 $\frac{1}{4}$ S23
1917

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

44.00 Leave washed flat, drains NE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 14 and 23 and fracl. secs. 15
and 22, marked on brass cap

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E. 13.

Chains.

T20N R12 $\frac{1}{2}$ E
S15 | S14
S22 | S23
1917

Dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.
Land, rolling and slightly rolling.
Soil, thin, sandy loam; 3rd rate.
No timber.
Undergrowth, broom brush, greasewood, shadskale and Brigham
brush.
Short grass.

40.00
80.08

3.35
40.04

N. 89°59'E., on a random line, bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 2 lks. N. of the cor. of secs.
13, 14, 23 and 24.
Thence
West on a true line, bet. secs. 14 and 23.
Over slightly rolling land, through scattering undergrowth.
Road, brs. N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S14
S23
1917

80.08

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
of cor;
The cor. of secs. 14 and 23 and fracl. secs. 15 and 22.
Land, slightly rolling.
Soil, thin and rocky; 3rd rate.
No timber.
Undergrowth, broom brush.
Fair grass.

40.00
77.50

17.10
23.80
37.50

West on a random line, bet. fracl. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of Tp., 9 lks. N. of the reestablished
cor. of secs. 13 and 24, and original cor. of fracl. secs.
15 and 22, hereinbefore described.
Thence
N. 89°56'E., on a true line, bet. secs. 15 and 22.
Over rolling land, through scattering undergrowth.
Sandstone ledge, 5 ft. high, 1 ch. wide, brs. N. and S.
Shallow draw, course N.
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

$\frac{1}{4}$ S15
S22
1917

60.50
77.50

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.
Road, brs. NE. and SW.
The cor. of secs. 14, and 23 and fracl. secs. 15 and 22.
Land, rolling.
Soil, thin, sandy loam; 3rd rate.
No timber.
Undergrowth, broom brush, greasewood, shadskale and Brigham
brush.
Short grass.

14. Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.	
32.10 40.00	N.0°1'W., bet. sec. 14 and fracl. sec. 15. Over slightly rolling land, through scattering undergrowth. Road, brs. NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \frac{1}{4} \\ S15 S14 \\ 1917 \end{array}$
62.60	And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
64.10	Enter washed land, drains NE.
65.60	Road, brs. NE. and SW.
70.00	Leave washed land, drains NE.
70.10	Rock quarry brs. E. about 10' chs. dist.
80.00	Road, brs. E. and W.
	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 11 and 14 and fracl. secs. 10 and 15, marked on brass cap
	$\begin{array}{c} T20N R12\frac{1}{2}E \\ S10 S11 \\ \hline S15 S14 \\ 1917 \end{array}$
	And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, slightly rolling.
	Soil, thin, sandy loam; 3rd rate.
	No timber.
	Undergrowth, broom brush, greasewood, shadskale and Brigham
	brush.
	Short grass.
40.00	East on a random line, bet. secs. 11 and 14.
80.02	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect N. and S. line, 7 lks. S. of the cor. of secs.
	11, 12, 13 and 14.
	Thence
12.88	S.89°57'W., on a true line, bet. secs. 11 and 14.
13.66	Over rolling land, through scattering undergrowth.
15.55	Road, brs. NW. and SE.
16.92	Right of Way fence, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
17.28	Western Union Telegraph line, brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
18.50	East Bound Track of A. T. and S. F. Ry., brs. N.61 $\frac{1}{2}$ °W. and
19.60	S.61 $\frac{1}{2}$ °E.
36.15	West Bound Track of A. T. & S. F. Ry. brs. N.61 $\frac{1}{2}$ °W. & S.61 $\frac{1}{2}$ °E. and
40.01	Block Signal line, brs. S.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
	Right of way fence brs. brs. N.61 $\frac{1}{2}$ °W. and S.61 $\frac{1}{2}$ °E.
	Enter road brs. N. and SE.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} S11 \\ \frac{1}{4} \\ S14 \\ 1917 \end{array}$
	And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
46.00	Leave road brs. NW. and E.
46.75	Spur track to old sandstone quarry, brs. N. and S.
50.00	Deserted sandstone quarry brs. about 8 chs. dist.
80.02	The cor. of secs. 11 and 14 and fracl. secs. 10 and 15.
	Land, rolling.
	Soil, thin, and rocky; 3rd rate.
	No timber.
	Undergrowth, broom brush.
	Fair grass.

Survey of the
Subdivision of Fractional T. 20 N., R. 12 1/2 E. 15.

Chains. S. 89° 56' W., on a random line, bet. fract. secs. 10 and 15.
 40.00 Set temp. 1/4 sec. cor.
 77.58 Intersect W. bdy. of Tp., 2 lks. N. of the reestablished cor. of secs. 12 and 13 and original cor. of fract. secs. 10 and 15, hereinbefore described.
 Thence
 N. 89° 55' E., on a true line, bet. secs. 10 and 15.
 37.58 Over slightly rolling land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

1/4 S10
 S15
 1917

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 47.60 Enter washed flat, drains N.
 69.60 Leave washed flat, drains N.
 77.58 The cor. of secs. 11 and 14 and fract. secs. 10 and 15. Land, slightly rolling. Soil, thin, sandy and rocky; 3rd rate. No timber. Undergrowth, broom brush. Fair grass.

N. 0° 1' W., bet. sec. 11 and fract. sec. 10.
 32.46 Over washed flat, through scattering undergrowth. Road, brs. N. 61° 28' W. and S. 61° 28' E.
 32.86 Right of way fence, brs. N. 61° 28' W. and S. 61° 28' E.
 33.36 Block Signal line, brs. N. 61° 28' W. and S. 61° 28' E.
 33.66 Postal Telegraph line, brs. N. 61° 28' W. and S. 61° 28' E.
 34.29 West Bound Track of A. T. and S. F. Ry., brs. N. 61° 28' W. and S. 61° 28' E. West end of bridge 308A brs. S. 61 1/2° E. 3.14 chs.
 34.59 East Bound Track of A. T. and S. F. Ry., brs. N. 61° 28' W. and S. 61° 28' E.
 35.30 Western Union Telegraph line, brs. N. 61° 28' W. and S. 61° 28' E.
 36.26 Right of Way fence, brs. N. 61° 28' W. and S. 61° 28' E.
 36.41 Road, brs. N. 61° 28' W. and S. 61° 28' E.
 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

1/4
 S10 | S11
 1917

And raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.
 74.00 Shallow draw, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 2 and 11 and fract. secs. 3 and 10, marked on brass cap

T20N R12 1/2 E
 S 3 | S 2
 S10 | S11
 1917

And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.
 Land, slightly rolling.
 Soil, thin, sandy and rocky; 3rd rate.
 No timber.
 Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Short grass.

16. Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.	N.89°57'E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. 80.00 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence N.89°59'W., on a true line, bet. secs. 2 and 11. Over slightly rolling land, through scattering undergrowth. 21.85 Old road, brs. NW. and SE. 34.40 Telephone line, brs. NW. and SE. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{c} \frac{1}{4} \text{ S } 2 \\ \text{S11} \\ 1917 \end{array}$ And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. 80.00 The cor. of secs. 2 and 11 and fracl. secs. 3 and 10. Land, slightly rolling. Soil, thin, sandy loam; 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Fair grass.
40.00	S.89°55'W., on a random line, bet. fracl. secs. 3 and 10. Set temp; $\frac{1}{4}$ sec. cor. 77.63 Intersect W. bdy. of Tp., 5 lks. S. of the reestablished cor. of secs. 1 and 12 and original cor. of fracl. secs. 3 and 10. Thence, N.89°57'E., on a true line, bet. secs. 3 and 10. Over slightly rolling land, through scattering undergrowth. 37.63 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 $\begin{array}{c} \frac{1}{4} \text{ S } 3 \\ \text{S10} \\ 1917 \end{array}$ And raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor. 77.63 The cor. of secs. 2 and 11 and fracl. secs. 3 and 10. Land, slightly rolling. Soil, thin, sandy and rocky; 3rd rate. No timber. Undergrowth, broom brush, greasewood, shadskale and Brigham brush. Short grass.
16.25	N.0°1'W., on a true line, bet. sec. 2 and fracl. sec. 3. Over slightly rolling land, through scattering undergrowth. Telephone line, brs. N.70°W. and S.70°E. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap $\begin{array}{c} \frac{1}{4} \\ \text{S } 3 \text{ } \text{S } 2 \\ 1917 \end{array}$ And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. 88.85 Intersect Fifth Standard Parallel North, 1.93 chs. W. of the standard cor. of sec. 35, and fracl. sec. 34, 1 $\frac{1}{2}$ fracl. Tp. 21 N., R. 12 $\frac{1}{2}$ E., described in Book "C."

Survey of the
Subdivision of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

Chains.

At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., on solid rock,
in a mound of stone, for closing cor. of sec. 2, and frac.
sec. 3, marked on brass cap,

T21N R12 $\frac{1}{2}$ E
S34

S 3 | S 2
T20N | R12 $\frac{1}{2}$ E
C | C
1917

And raise a mound of stone, 3 ft. base, 3 ft. high, S.
of cor.
Land, slightly rolling.
Soil, thin, sandy and rocky; 3rd rate.
No timber.
Undergrowth, broom brush, greasewood, shadskale and Brigham
brush.
Short grass.

Boundaries of Fractional T. 20 N., R. 12 $\frac{1}{2}$ E.

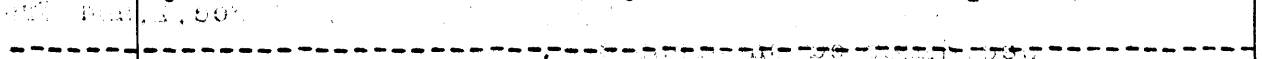
Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary.	S. 89° 57' W.	237.75		.21		237.75
West Boundary. (3rd Guide Mer. E.)	N.	489.00	489.00			
North Boundary. (5th Std. Par. N.)	E.	237.47			237.47	
East Boundary	South	488.59		488.59		
Convergency.					× .26	
Totals.			489.00	488.80	237.73	237.75
Error in latitude			488.80			237.75
Error in departure				.20		0.02

GENERAL DESCRIPTION.

SURFACE: - Rolling in all sections.
SOIL: - Thin, sandy loam, 3rd rate, rocky in parts.
TIMBER: - None in any section.
UNDERGROWTH: - Scattering brown brush, greasewood, shadscale and Brigham brush.
GRASS: - Mostly a fair growth in all sections, with a good growth in some parts.
MINERAL: - No evidence of any.
WATER COURSES: - No permanent running water in any part.
SETTLERS AND IMPROVEMENTS: - There are no settlers and no houses. The main line of the Atchison, Topeka and Santa Fe Ry., course NW. and SE. passing thru. the N. half of the Tp., is double tracked and paralleled by telegraph, telephone and block signal lines and fenced both sides. A siding on the railroad is located in sec. 13, known as "Sunshine Station," at which point is a water tank and pump house. A bridge is located in same section. Old sandstone quarries, formerly worked by the R.R. company with spur track to same, is located in section 14. From "Sunshine Station" a road and telephone line extends S. to Crater Mountain.

about 7 miles distant. A good road parallels the railroad. Several other roads traverse the township. The Navajo Indian Reservation adjoins this township on the north.



Book "D"
Group 78 ~ Arizona.

DATE ~ DIAGRAM.

				5th Standard Parallel N.			
1st Guide Meridian East 2nd Guide Meridian East 3rd Guide Meridian East 4th Guide Meridian East 5th Guide Meridian East 6th Guide Meridian East 7th Guide Meridian East 8th Guide Meridian East 9th Guide Meridian East 10th Guide Meridian East 11th Guide Meridian East 12th Guide Meridian East 13th Guide Meridian East 14th Guide Meridian East 15th Guide Meridian East 16th Guide Meridian East 17th Guide Meridian East 18th Guide Meridian East 19th Guide Meridian East 20th Guide Meridian East 21st Guide Meridian East 22nd Guide Meridian East 23rd Guide Meridian East 24th Guide Meridian East 25th Guide Meridian East 26th Guide Meridian East 27th Guide Meridian East 28th Guide Meridian East 29th Guide Meridian East 30th Guide Meridian East 31st Guide Meridian East 32nd Guide Meridian East 33rd Guide Meridian East 34th Guide Meridian East 35th Guide Meridian East 36th Guide Meridian East	1	2	3	4	5	6	
	2-22-17	2-21-17	2-21-17	2-21-17	2-21-17	2-21-17	
	12	13	14	15	16	17	
	2-20-17	2-21-17	2-21-17	2-21-17	2-21-17	2-21-17	
	13	14	15	16	17	18	
	2-20-17	2-21-17	2-21-17	2-21-17	2-21-17	2-20-17	
24	25	26	27	28	29		
2-20-17	2-21-17	2-20-17	2-20-17	2-20-17	2-20-17		
25	26	27	28	29	30		
2-20-17	2-20-17	2-20-17	2-20-17	2-20-17	2-20-17		
36	37	38	39	40	41		
2-19-17	2-20-17	2-20-17	2-20-17	2-20-17	2-20-17		

2-20-17 Executed by Thomas B. Matthews, U.S. Surveyor, on dates shown.

2-20-17 Executed by Elmer F. Strickler, U.S. Transitman, on dates shown.

Book "D"

BOOK 3858

4-680

FIELD ASSISTANTS. to
Thomas B. Matthews, U.S. Surveyor

NAMES.	CAPACITY.
Ben Kinsey,	1st chainman,
M. A. Rennie,	2nd chainman,
William Mon,	cornerman,
W.H. Hyde,	axman & flagman,
Steven Hayes,	flagman,

FIELD ASSISTANTS to

Elmer F. Strickler, U.S. Transitman.

S.H. Fowler,	1st chainman,
Fred Hayes,	2nd chainman,
B. Stewart,	flagman,
Bert Johnson,	cornerman & flagman.

20 For CERTIFICATE OF UNITED STATES SURVEYOR and UNITED STATES TRANSITMAN.

See Book "A" of Group 78, Arizona.

I, _____, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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 _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 15, 1920.

The foregoing field notes of the ^{re-}survey of the East boundary of Township 20 North, Range 12 East (3rd Guide Meridian East) _____ and _____ and of the Survey of _____

West boundary (3rd Guide Mer. East) and the Subdivision lines of FRAGLE TOWNSHIP 20 NORTH, RANGE 12 EAST.

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Thomas B. Matthews, U. S. Surveyor, & Elmer F. Stricker, U. S. Transitman, under his special instructions dated Dec. 1, 1916, for Group 78, Arizona, 191____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re}surveys and surveys they describe, are hereby approved.

Frank P. Frost
U. S. Surveyor General.

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

U. S. Surveyor General.