

FIELD NOTES

OF THE RESURVEY OF

part of the East boundary (the North 4 miles)

AND OF THE SURVEY OF

the North boundary,

and part (completion) of the Subdivision lines of

Township 41 North, Range 15 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Joseph P. Davis, U. S. Cadastral Engineer,

and

Claude F. Warner, U. S. Transitman,

In the capacity of U. S. Surveyor ~~s~~, under instructions dated September 29, 1920, issued by the United States Surveyor General to govern surveys included in Group Noll 2, Arizona, which were approved by the Commissioner of the General Land Office, November 10, 1920, and Assignment Instructions dated December 15, 1920.

Resurvey and Survey commenced January 21, 1921

Resurvey and Survey completed February 5, 1921

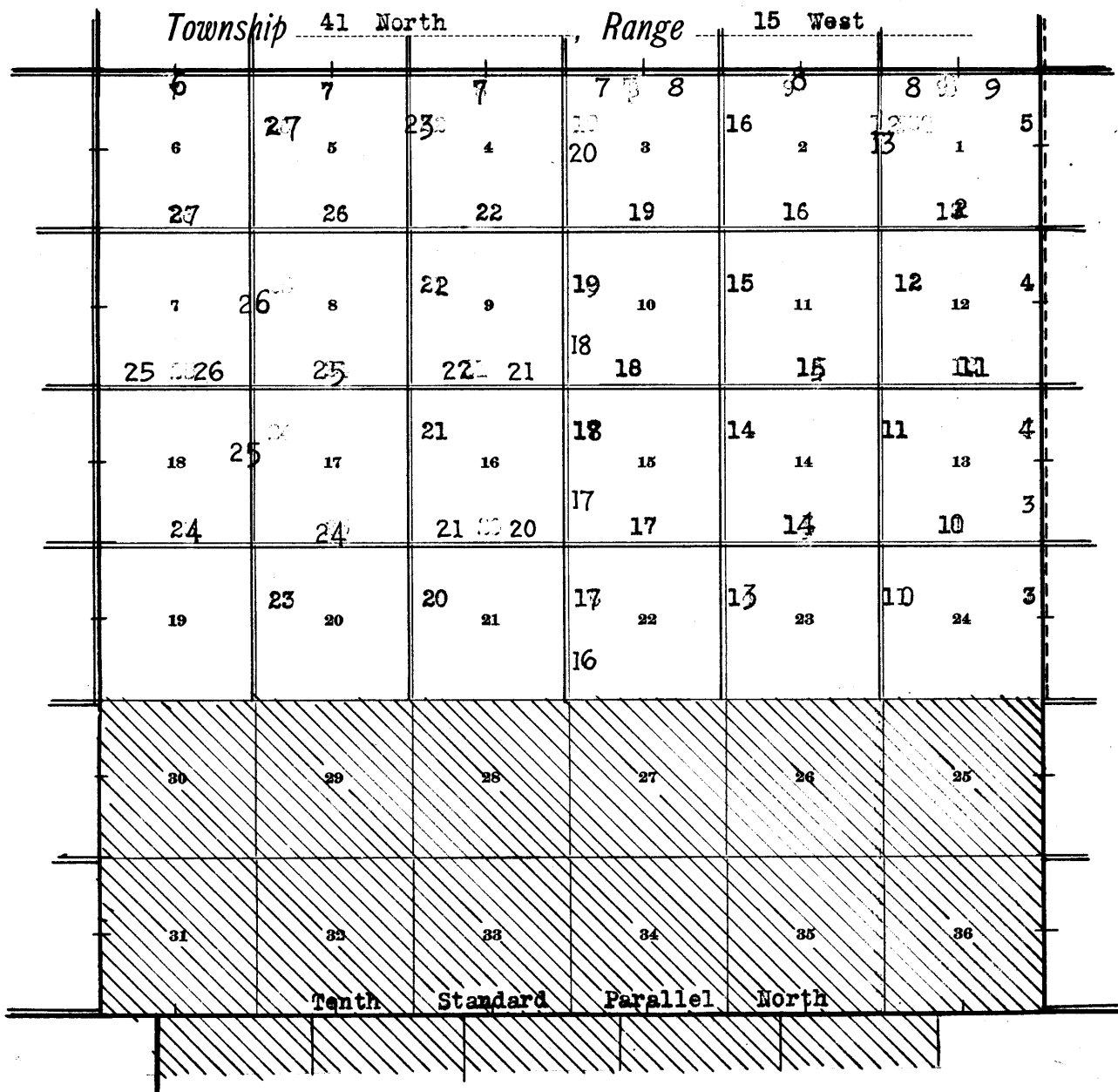
3520

3520

Book "D."
Group No. 112 - - Arizona.

BOOK 3520

INDEX DIAGRAM.



==== Lines surveyed under this Group.

----- Lines resurveyed under this Group.

——— Accepted surveys.



Areas surveyed as per accepted plats on file.

Book "D"

Date Diagram

Township 41 North, Range 15 West

See Book "B" for dates of survey of this line

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

On the above diagram:-

black lines indicate surveys, and dotted black lines, resurveys, executed by Joseph P. Davis, U. S. Cadastral Engineer, and red lines indicate surveys executed by Claude F. Warner, U. S. Transitman, on dates shown thereon, and brown lines indicate accepted surveys.

Retracements, resurveys and surveys hereinafter described executed by Joseph P. Davis, U. S. Cadastral Engineer and Claude F. Warner, U. S. Transitman, on dates shown on diagram on page 1 hereof, using respectively Buff light mountain transit No. 10125 and Young and Sons light mountain transit No. 8532. 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:

Jan. 16, 1921. At our camp, near the center of the SE. $\frac{1}{4}$ of sec. 2, frac. T. 41 N., R. 16 W., G. and S. R. B. and M., lat. $36^{\circ}58\frac{1}{2}'$ N., long. $113^{\circ}59\frac{1}{2}'$ W., using the meridian described in Book "C", at 9 hrs. 0 m., a.m., l.m.t., we set off $36^{\circ}58\frac{1}{2}'$ N. on the lat. arcs; $20^{\circ}54\frac{1}{2}'$ S. on the decl. arcs; and determine a meridian with each solar, which in each case agrees with the true meridian.

At apparent noon, with the lat. arcs unchanged, we observe the sun on the meridian with each solar; the resulting decl. with each instrument is $20^{\circ}54'$ S., which is the computed decl. of the sun.

At 3 hrs. 0 m., p.m., l.m.t., with the lat. arcs unchanged, we set off $20^{\circ}51\frac{1}{2}'$ 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 $1\frac{1}{2}'$ of the true meridian, we conclude that the adjustments of the solars are satisfactory.

Independent Resurvey of

Part of the East boundary of Township 41 North, Range 15 West. 3

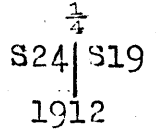
Chains.

The east boundary of T.41 N., R.15 W. was surveyed in November, 1912, by Thomas B. Matthews, U.S. Surveyor, and no retracement or resurvey of said line is of record. A retracement of the North four miles of the line reveals the fact that all of the cor. intervals are defective in measurement, and as said portion of the line is subject to rectification, make an independent resurvey of same, removing all the original cor. monuments, and resetting them at proper intervals, as described in the following notes.

The original cor. of secs. 19, 24, 25 and 30, Ts. 41 N., Rs. 14 and 15 W. is an iron post, 3 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone, W. of cor. No bearing trees.

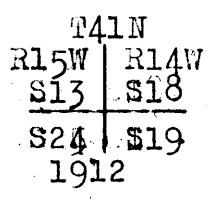
Thence, North, on true line, bet. secs. 19 and 24. Over rolling, mountainous land, thru. scattering undergrowth. Ascend 45 ft.

- 5.00 Descend 30 ft.
- 13.90 Draw, 5 lks. wide, 5 ft. deep, course W.
- 17.00 Draw, 10 lks. wide, 6 ft. deep, course S. 80° W. Ascend 60 ft.
- 29.99 A point 3 lks. W. of original $\frac{1}{4}$ sec. cor. of secs. 19 and 24. Remove the iron post, and destroy all trace of cor. Thence over rolling land.
- 40.00 Reset old iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,



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

- 44.20 Draw, 6 lks. wide, 4 ft. deep, course N. 75° W.
- 55.50 Draw, 30 lks. wide, course SW.
- 70.99 A point 9 lks. W. of original cor. of secs. 13, 18, 19 and 24. Remove the iron post, and destroy all trace of cor.
- 80.00 Reset old iron post, 3 ft. long, 3 ins. in diam., 26 ins. in the ground, for reestablished cor. of secs. 13, 18, 19 and 24, marked on brass cap,



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

Land, rolling and rolling mountainous. Soil, sandy loam, coarse texture, 3rd rate. No timber. Undergrowth, greasewood.

North, on true line, bet. secs. 13 and 18. Over mountainous land, thru. scattering undergrowth. Descend 30 ft.

- 8.20 Center of draw, 150 lks. wide, 10 ft. deep, course S. W.
- 15.00 Descend 25 ft.
- 23.40 Center of draw, 100 lks. wide, 5 ft. deep, course N. 75° W. Ascend gradually, 35 ft.
- 31.96 A point 14 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18. Remove the iron post, and destroy all trace of the cor.
- 39.70 Draw, 5 lks. wide, course W.

Independent Resurvey of
Part of the East boundary of Township 41 North, Range 15 West.

Chains.	
40.00	Reset old iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap, <div style="text-align: center;"> $\frac{1}{4}$ S13 S18 1912 </div> and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Ascend 115 ft. Descend 40 ft.
52.20	
58.50	Center of draw, 130 lks. wide, course W. Ascend 260 ft.
74.38	Intersect the original cor. of secs. 7, 12, 13 and 18. Remove the iron post, and destroy all trace of the cor. Descend 100 ft.
80.00	Reset old iron post, 3 ft. long, 3 ins. in diam., on ledge rock, with marked stone, for reestablished cor. of secs. 7, 12, 13 and 18, and raise a mound of stone around post, with brass cap, marked Descend 100 ft. <div style="text-align: center;"> T41N R15W R14W S12 S 7 S13 S18 1912 </div> Land, mountainous. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, greasewood.

	North, on true line, bet. secs. 7 and 12. Over rough, mountainous land, thru. scattering undergrowth. Ascend 45 ft.
3.85	Descend 70 ft.
7.40	Head of draw, course NW.
11.80	Draw, 8 lks. wide, course W. Ascend 105 ft.
23.85	Descend 75 ft.
30.85	Ascend 240 ft.
35.00	A point 30 lks. W. of the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12. Remove the iron post, and destroy all trace of the cor. Continue ascent.
38.65	Descend 10 ft.
40.00	Reset old iron post, 3 ft. long, 1 in. in diam., on bed rock, with marked stone, for reestablished $\frac{1}{4}$ sec. cor., and raise a mound of stone, 4 ft. base, 2 ft. high, around post, with brass cap, marked, <div style="text-align: center;"> $\frac{1}{4}$ S12 S 7 1912 </div> Continue descent, 310 ft.
56.00	Center of draw, 2.50 chs. wide, 4 ft. deep, course W. Thence over rolling land.
68.75	A point 34 lks. W. of the original witness cor. to cor. of secs. 1, 6, 7 and 12. Remove the iron post, and destroy all trace of the cor. Ascend 170 ft.
80.00	Reset old iron post, 3 ft. long, 3 ins. in diam., 6 ins. in the ground, with marked stone, for reestablished cor. of secs. 1, 6, 7 and 12, and raise a mound of stone around post, with marking on old brass cap, changed to read:

Independent Resurvey of part of the East boundary of Township 41 North, Range 15 West.

Chains.

T41N	
R15W	R14W
S 1	S 6
S 12	S 7
1912	

Land, rough, mountainous and rolling. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, greasewood.

North, on true line, bet. secs. 1 and 6. Over rough, mountainous land, thru. scattering undergrowth.

Ascend.

- 1.00 Spur, slopes W. Descend 130 ft.
- 4.83 Draw, 5 lks. wide, 8 ft. deep, course W.
- 10.50 Draw, 50 lks. wide, course S. 60° W. Ascend 100 ft.
- 19.68 A point 39 lks. W. of the original witness cor. to $\frac{1}{4}$ sec. cor. of secs. 1 and 6. Remove iron post, and destroy all trace of cor. Ascend 425 ft.
- 23.00 Point of intersection of offset line made in connection with survey of N. bdy. of T. 41 N., R. 15 W., as herein-after described.
- 40.00 The true point for reestablishment of the $\frac{1}{4}$ sec. cor. falls where it cannot be monumented.
- 45.50 Reset old iron post, 3 ft. long, 1 in. in diam., on surface rock, with marked stone for witness cor. to re-established $\frac{1}{4}$ sec. cor.; and raise a mound of stone, 4 ft. base, 3 ft. high, around post, with marking on brass cap, changed to read

$\frac{1}{4}$	
S 1	S 6
W C	
1912	

Descend.

- 48.00 Draw, course SW. Ascend 385 ft., over SW. slope of Beaver Dam Mountain.
- 58.31 Spur, slopes SW. A point 44 lks. W. of the original witness cor. to cor. of Ts. 41 N., Rs. 14 and 15 W., and frac. Ts. 42 N., Rs. 14 and 15 W. Remove the iron post, and destroy all trace of cor.
- 80.00 Reset old iron post, 3 ft. long, 3 ins. in diam., on surface rock, with marked stone, for reestablished cor. of Ts. 41 N., Rs. 14 and 15 W., and frac. Ts. 42 N., Rs. 14 and 15 W.; and raise a mound of stone around post, 5 ft. base, 2 $\frac{1}{2}$ ft. high, with marking on brass cap, changed to read:

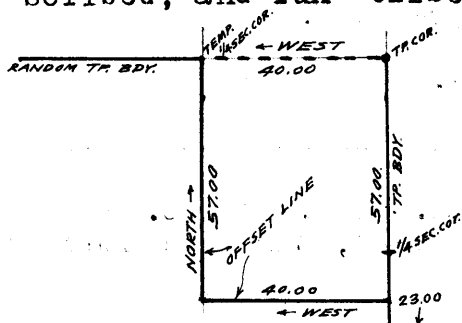
T42N	
R15W	R14W
S 30	S 31
S 1	S 6
T41N	
1922	

Land, rough, mountainous. Soil, rocky, 3rd rate. No timber. Undergrowth, greasewood.

6. Survey of North boundary of Township 41 North, Range 15 West.

Chains,

The random North boundary of T.41 N., R.15 W., cannot be started from the reestablished cor. of Ts. 41 N., Rs. 14 and 15 W., and fracl. Ts. 42 N., Rs. 14 and 15 W., because of the mountainous nature of the country, in the E. $\frac{1}{2}$ bet. sec. 1, and fracl. sec. 36; therefore, begin at a point on E. bdy. of Tp., 23 chs. N. from the reestablished cor. of secs. 1, 6, 7 and 12, hereinbefore described, and run offset line, thru. sec. 1, as follows:



West, 40.00 chs. to offset point.

Thence, North, 57.00 chs. to offset point on random N. bdy. of Tp. 40.00 chs. W. of the reestablished cor. of Ts. 41

N., Rs. 14 and 15 W., and fracl. Ts. 42 N., Rs. 14 and 15 W., hereinbefore described, at which point set temp. $\frac{1}{4}$ sec. cor., hereinbefore described.

Thence, West, on a random line, continuing measurement from said Tp. cor., setting temp. sec. and $\frac{1}{4}$ sec. cors. at intervals of 40.00 chs., and at 479.52 chs. fall 54 lks. S. of the cor. of T. 41 N., R. 15 W., fracl. T. 41 N., R. 16 W., and fracl. Ts. 42 N., Rs. 15 and 16 W., described in Book "B." The falling answers to a correction of 0°4', or 9 lks. N. per mile, counting from the NE. cor. of the Tp.

From cor. of T. 41 N., R. 15 W.; fracl. T. 41 N., R. 16 W., and fracl. Ts. 42 N., Rs. 15 and 16 W., S. 89°50'E., on a true line, bet. sec. 6, and fracl. sec. 31. Over broken land, thru. scattering undergrowth. Ascend 5 ft.

- 0.70 Spur, slopes S. Descend 5 ft.
- 3.30 Draw, course S. Continue descent.
- 6.70 Head of draw, course SW.
- 11.00 Head of draw, 5 ft. deep, course SW. Ascend 30 ft.
- 15.70 Descend 55 ft.
- 19.58 Draw, course SW. Road in draw, hrs. NE. and SW. Ascend 95 ft.
- 39.52 set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 31
 $\frac{1}{4}$
 S 6
 1921

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

- Thence over rolling land.
- 53.30 road, hrs. N. 75° E. and S. 75° W.
- 79.52 set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in the ground, for cor. of secs. 5 and 6, and fracl. secs. 31 and 32, marked on brass cap,

T42N | R15W
 S31 | S32
 S 0 S 5
 T41N
 1921

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

Land, broken and rolling.
 Soil, sandy and rocky, 3rd rate.
 No timber.
 Undergrowth, yucca, greasewood and sagebrush.

Chains.

S.89°50'E., on a true line, bet.sec.5 and fracl.sec.32.
 Over level land, thru. scattering undergrowth.
 1.40 Head of draw, course S.
 19.50 Wash, course SW.
 33.60 Draw, course S.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 32
 S 5
 1921

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

48.10 Draw, course S.
 66.30 Draw, course S,
 72.30 Draw, course SW.
 80.00 Set an iron post, 3 ft.long, 3 ins. in diam., 26 ins. in
 the ground, for cor.of secs.4 and 5, and fracl.secs.
 32 and 33, marked on brass cap,

T42N | R15W
 S32 | S33
 S 5 | S 4
 T41N
 1921

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

Land, level.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, chaparral.

S.89° 50' E., on a true line, bet.sec.4 and fracl.sec.33.
 Over level land, thru. scattering undergrowth.
 3.00 Draw, course S.
 32.90 Draw, course S.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the
 ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

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

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

41.60 Draw, course S.
 80.00 Set an iron post, 3 ft.long, 3 ins. in diam., 26 ins.in
 the ground for cor.of secs. 3 and 4, and fracl.secs.33
 and 44, marked on brass cap,

T42N | R15W
 S33 | S34
 S 4 | S 3
 T41N
 1921

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

Land, level.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, chaparral.

S.89°50'E., on a true line, bet.sec.3, and fracl.sec.34.
 Over level land, thru.scattering undergrowth.

8 North boundary of Township 41 North, Range 15 West.

Chains.

13.80 Draw, course S.
 15.60 Road, brs. N. 17° E. to St. George and S. 17° W. to Littlefield.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone around post, with brass cap, marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 34 \\ \text{S } 3 \\ 1921 \end{array}$$

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

46.10 Draw, course S.
 59.50 Draw, course S.
 73.60 Draw, course S.
 77.30 Telephone line, brs. N. to St. George and S. to Littlefield.
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, for cor. of secs. 2 and 3, and frac. secs. 34 and 35, marked on brass cap,

$$\begin{array}{r|l} \text{T42N} & \text{R15W} \\ \text{S34} & \text{S35} \\ \hline \text{S } 3 & \text{S } 2 \\ \text{T41N} & \\ 1921 & \end{array}$$

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

Land, level.
 Soil, sandy and rocky, 3rd rate.
 No timber.
 Undergrowth, chaparral.

S. 89° 56' E., on a true line, bet. sec. 2, and frac. sec. 35.
 Over rolling land, thru. dense undergrowth.
 18.80 Draw, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$$\begin{array}{r} \frac{1}{4} \text{ S } 35 \\ \text{S } 2 \\ 1921 \end{array}$$

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

55.00 Ascend 60 ft.
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground, for cor. of secs. 1 and 2, and frac. secs. 35 and 36, marked on brass cap,

$$\begin{array}{r|l} \text{T42N} & \text{R15W} \\ \text{S35} & \text{S36} \\ \hline \text{S } 2 & \text{S } 1 \\ \text{T41N} & \\ 1921 & \end{array}$$

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

Land, rolling.
 Soil, sandy and rocky, 3rd rate.
 No timber.
 Undergrowth, chaparral.

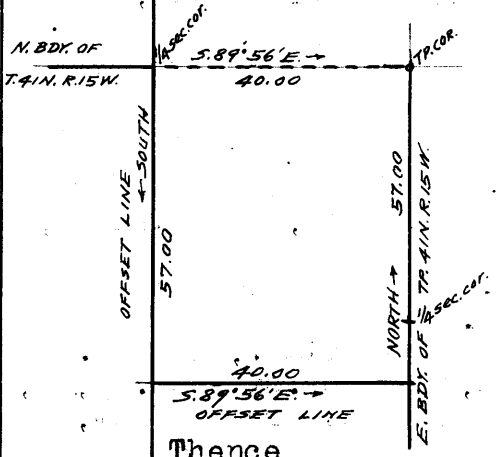
S. 89° 56' E., on a true line, bet. sec. 1 and frac. sec. 36.
 Over rolling land, thru. scattering undergrowth.
 Ascend gradual slope, 160 ft.

North Boundary of Township 41 North, Range 15 West.

Chains;
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 36
S. 1
1921
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
The E. $\frac{1}{2}$ of line, bet. sec. 1 and fracl. sec. 36 passes over steep broken W. slope of Beaver Dam mountain, rendering chaining thereon impracticable; therefore, complete the survey of the Tp. bdy. by offset thru. sec. 1, as follows:
From $\frac{1}{4}$ sec. cor. of sec. 1, and fracl. sec. 36,
South 57.00 chs. on offset line, along rolling W. slope of Beaver Dam Mountain.
50.50 Descend 360 ft., to
57.00 Ascend 30 ft., to
Offset point.
Thence,
S. $89^{\circ}50'E.$, 40.00 chs. on offset line, parallel to N. bdy. of Tp.
Along rolling SW. slope of Beaver Dam mountain.
4.90 Descend 30 ft.
10.30 Ascend 135 ft.
28.35 Descend 90 ft.
33.65 Draw, course SW. Asc. 160 ft. to
40.00 Offset point on E. bdy. of Tp.
Thence,
North, 57.00 chs. on E. bdy. of Tp., to
80.00 The reestablished cor. of Ts. 41 N., Rs. 14 and 15 W., and fracl. Ts. 42 N., Rs. 14 and 15 W., hereinbefore described.
80.00 Land, rolling and mountainous.
Soil, sandy and rocky, 3rd rate.
No timber.
Undergrowth, chaparral.

Boundaries of that portion of Township 41 North, Range 15 West, surveyed under this Group.

Latitudes, departures, and closing errors.



Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			S.	S.	E.	W.
Subdivisional boundary,	N. $89^{\circ}58'W.$	80.14	.05			80.14
	West,	80.00				80.00
	S. $89^{\circ}58'W.$	80.00		.05		80.00
	S. $89^{\circ}59'W.$	80.08		.02		80.08
West, boundary,	North,	159.86				159.86
West, boundary,	North,	320.00	320.00			
North boundary,	S. $89^{\circ}56'E.$	479.52		.54	479.52	
East boundary,	South,	320.00		320.00		
Convergency,					.37	
Totals.			320.05	320.61	478.89	480.08
				320.05		478.89
	Error in latitude,			0.56		
	Error in departure,					0.19

Survey of the

10. Completion of Subdivision lines of Township 41 North, Range 15 West

Chains.

The south two tiers of section in T.41 N., R.15 W., were surveyed in December, 1912, by Thomas B. Matthews, U.S. Surveyor, and no retracement or resurvey of any part of same is of record.

The original cor. of secs. 23, 24, 25 and 26 is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by pits NE., SE., SW. and NW., and mound of earth, W. of cor.

No bearing trees.

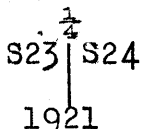
Thence, N. 0° 1' W., bet. secs. 23 and 24.

Over rolling land, thru. scattering undergrowth.

20.30 Wash, 40 lks. wide, course W.

36.30 Wash, 25 lks. wide, course S. 60° W.

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

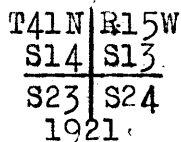


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

49.00 Wash, 20 lks. wide, course S. 45° W.

64.70 Wash, 15 lks. wide, course S. 30° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, with marked stone, for cor. of secs. 13, 14, 23 and 34, and raise a mound of stone around post, with brass cap, marked



Land, rolling.

Soil, rocky, 4th rate.

No timber.

Undergrowth, yucca, sage brush and greasewood.

S. 89° 58' E., on a random line, bet. secs. 13 and 24.

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

80.24 Fall 12 lks. N. of the reestablished cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., hereinbefore described.

Thence,

N. 89° 53' W., on a true line, bet. secs. 13 and 24.

Over mountainous land, thru. scattering undergrowth.

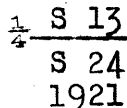
Ascend 175 ft.

6.25 Top of round hill. Descend 380 ft., over steep W. slope.

17.25 Continue descent, over gradual slope.

30.25 Thence over rolling land,

40.12 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor.; marked on brass cap,



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

63.25 Center of wash, 1 ch. wide, course SW.

80.24 The cor. of secs. 13, 14, 23 and 24.

Land, rolling and mountainous.

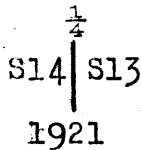
Soil, sandy and rocky, 4th rate.

No timber. Undergrowth, yucca, sagebrush and greasewood.

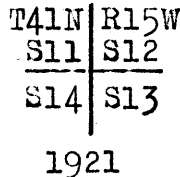
Completion of Subdivision of Township 41 North, Range 15 West. 11

Chains.

N. 0°1'W., bet. secs. 13 and 14.
 Over rolling land, thru. scattering undergrowth.
 14.60 Center of wash, 170 lks.wide, course S.45°W.
 25.00 Center of wash, 140 lks.wide, course S.10°W.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 18 ins. in
 the ground, with marked stone, for $\frac{1}{4}$ sec.cor., and
 raise a mound of stone, around post, with brass cap,
 marked



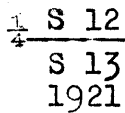
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W.of cor.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 20 ins. in
 the ground, for cor.of secs.11,12,13 and 18, marked
 on brass cap,



and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, yucca, sagebrush and greasewood.

N.89°53' E., on a random line, bet. secs.12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.24 Fall 23 lks.N. of the reestablished cor.of secs. 7,12,13
 and 18, on the E. bdy.of the Tp., hereinbefore de-
 scribed.

Thence,
 N.89°43'W., on a true line, bet. secs.12 and 13.
 Over mountainous land, thru. scattering undergrowth.
 Descend 80 ft.
 3.75 Gulch, 70 lks.wide, course N. 45° W. Ascend 20 ft.
 7.35 Point of spur, slopes N. Descend 230 ft.
 25.25 Thence, over rolling land.
 29.95 Wash, 25 lks.wide, course S. 40°W.
 37.85 Wash, 60 lks.wide, course S.5°W.
 40.12 Set an iron post, 3 ft.long, 1 in. in diam., 20 ins. in
 the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

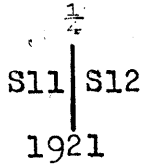


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N.of cor.
 48.25 Center of wash, 150 lks.wide, course S.10°W.
 52.25 Wash, 70 lks.wide, course S.
 65.10 Center of wash, 120 lks.wide, course S.
 80.24 The cor.of secs.11,12,13 and 14.
 Land, mountainous and rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, yucca, greasewood and sagebrush.

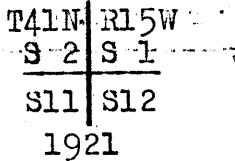
12 Completion of Subdivision of Township 41 North, Range 15 West.

Chains.

11.20 N.0° 1'W., bet. secs. 11 and 12.
 40.00 Over rolling land; thru. scattering undergrowth.
 Center of wash, 100 lks. wide, course S. 30°W.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,



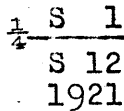
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for cor. of secs. 1, 2, 11 and 12, marked on
 brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, yucca, sagebrush and greasewood.

40.00 S. 89°43'E., on a random line, bet. secs. 1 and 12.
 80.26 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the reestablished cor. of secs. 1, 6, 7 and 12,
 on E. bdy. of Tp., hereinbefore described.

Thence,
 N. 89° 43' W., on a true line, bet. secs. 1 and 12.
 Over mountainous land, thru. scattering undergrowth.
 Descend 30 ft.
 1.80 Ascend 70 ft.
 10.35 Point of spur, slopes S.
 Descend 305 ft.
 30.25 Foot of descent, brs. N. and S. Thence over rolling land.
 33.85 Wash, 50 lks. wide, course S. 45° W.
 Ascend gradually.
 40.13 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, with marked stone, for $\frac{1}{2}$ sec. cor., and
 raise a mound of stone around post, with brass cap,
 marked



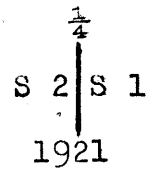
45.25 Descend 95 ft., over W. slope.
 80.26 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, yucca, sagebrush and greasewood.

40.00 N.0°1'W., on a random line, bet. secs. 1 and 2.
 79.67 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 28 lks. W. of the cor. of secs. 1 and 2, and frac. secs.
 35 and 36, on the N. bdy. of Tp., hereinbefore described.

Completion of Subdivision of Township 41 North, Range 15 West. 13

Chains.

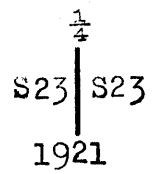
Thence,
 S. 0°11 W., on a true line, bet. secs. 1 and 2.
 Over rolling land, thru. scattering undergrowth.
 39.67 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



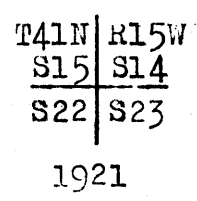
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 79.67 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, yucca, cactus, sage brush and greasewood.

The original cor. of secs. 22, 23, 26 and 27, is an iron
 post, 2 ins. in diam., projecting 12 ins. above ground,
 firmly set, properly marked on brass cap, and wit-
 nessed by pits, NE., SE., SW. and NW., and mound of
 earth, W. of cor.
 No bearing trees.

Thence,
 N. 0°1' W., bet. secs. 22 and 23.
 Over level land, thru. thick undergrowth.
 2.80 Draw, 10 lks. wide, course S. 15° E.
 25.00 Old road, brs. N 75° W. to St. George, Utah, and S. 75° E.
 35.00 Draw, 5 lks. wide, course S. 30° E.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.
 in the ground, for cor. of secs. 14, 15, 22 and 23,
 marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, level.
 Soil, sandy, 3rd rate.
 No timber.
 Undergrowth, sagebrush, greasewood, yucca and cactus.

40.00 East, on a random line, bet. secs. 14 and 23.
 Set temp. $\frac{1}{4}$ sec. cor.

14 Completion of Subdivision of Township 41 North, Range 15 West.

Chains.

79.94 Intersect N. and S. line, 17 lks. S. of the cor. of secs. 13
14.23 and 24.

Thence,
S. 89° 53' W., on a true line, bet. secs. 14 and 23.

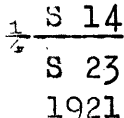
Over level land, thru. scattering undergrowth.

5.45 Draw, 10 lks. wide, 2 ft. deep, course SW.

7.65 Draw, 15 lks. wide, course S. 15° W.

11.05 Draw, 15 lks. wide, 3 ft. deep, course S. 10° W.

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



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

57.95 Draw, 15 lks. wide, 3 ft. deep, course S.

70.05 Draw, 10 lks. wide, 5 ft. deep, course S. 20° E.

79.94 The cor. of secs. 14, 15, 22 and 23.

Land, level.

Soil, sandy, 3rd rate.

No timber.

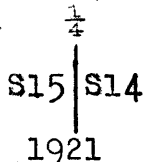
Undergrowth, yucca, greasewood, sagebrush and cactus.

N. 9° 1' W., bet. secs. 14 and 15.

Over level land, thru. thick undergrowth.

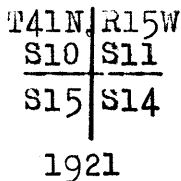
26.00 Draw, 75 lks. wide, course S. 35° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins.
in the ground, for cor. of secs. 10, 11, 14 and 15,
marked on brass cap,



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

Land, level.

Soil, sandy, 3rd rate.

No timber.

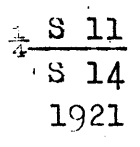
Undergrowth, yucca, greasewood, sage brush and cactus.

40.00 N. 89° 53' E., on a random line, bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.

Completion of Subdivision of Township 41 North Range 15 West, 15

Chains.

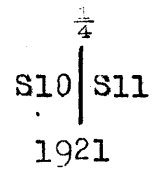
79.90 Intersect N. and S. line, 9 lks.W.of the cor. of secs. 11,12,13 and 14.
 Thence,
 S. 89° 57' W., on a true line, bet. secs. 11 and 14.
 Over rolling land, thru. scattering undergrowth.
 Descend gradually.
 18.50 Center of wash, 110 lks.wide, course S. 45° W. Continue gradual descent.
 31.10 Wash, 70 lks.wide, course S. 45° W.
 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,



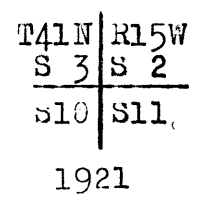
and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft. high, N.of cor.
 43.60 Wash, 30 lks.wide, course S.40° W.
 79.90 The cor.of secs.10,11,14 and 15.

Land, rolling.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, yucca, sagebrush and greasewood.

N: 0° 1' W.; bet. secs. 10 and 11.
 Over rolling land, thru. thick undergrowth.
 22.20 Draw, 5 lks.wide, 2 ft. deep, course SW.
 38.50 Draw, 5 lks.wide, 3 ft. deep, course S, 35° W.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.of cor.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 26 ins. in the ground, for cor.of secs. 2,3,10 and 11, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.of cor.
 Land, rolling.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca, sagebrush and cactus.

16 completion of Subdivision of Township 41 North, Range 15 West.

Chains.		
40.00	N. 39° 57' E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.	
79.82	Intersect the cor. of secs. 1, 2, 11 and 12.	
39.91	Thence S. 89° 57' W., on a true line, bet. secs. 2 and 11. Over rolling land, thru. scattering undergrowth, Desc. gradually.	
	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,	
	$\begin{array}{c} \frac{1}{4} \text{ S } 2 \\ \hline \text{S } 11 \\ 1921 \end{array}$	
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.	
79.82	The cor. of secs. 2, 3, 10 and 11.	
	Land, rolling.	
	Soil, rocky, 4th rate.	
	No timber.	
	Undergrowth, yucca, sagebrush and greasewood.	
40.00	N. 0° 11' E., on a random line, bet. secs. 2 and 3.	
79.87	Set temp. $\frac{1}{4}$ sec. cor.	
	Fall 21 lks. E. of the cor. of secs. 2 and 3, and frac. secs. 34 and 35, on the N. bdy. of the Tp., hereinbe- fore described.	
	Thence,	
	S. 0° 2' W., on a true line, bet. secs. 2 and 3.	
	Over rolling land, thru. scattering undergrowth.	
	Descend gradual slope.	
17.05	Draw, 40 lks. wide, 4 ft. deep, course S. 30° W.	
39.87	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone, around post, with brass cap, marked	
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 3 \text{ } \text{S } 2 \\ 1921 \end{array}$	
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.	
79.87	The cor. of secs. 2, 3, 10 and 11.	
	Land, rolling.	
	Soil, rocky, 4th rate.	
	No timber.	
	Undergrowth, yucca, sage brush and greasewood.	
	The original cor. of secs. 21, 22, 27 and 28, is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by pits NE., SE., SW. and NW., and mound of earth, W. of cor.	
	No bearing trees.	
	Thence,	
	N. 0° 2' W., bet. secs. 21 and 22.	
	Over rolling land, thru. scattering undergrowth.	

Completion of Subdivision of Township 41 North, Range 15 West. BOOK 8520

Chains.	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone around post, with brass cap, marked
	$\begin{array}{c} \frac{1}{4} \\ \\ S21 S22 \\ \\ 1921 \end{array}$
45.00	Wash, 70 lks. wide, course S. 80° E.
53.50	Old road, brs. N. 70° W. to St. George, Utah, and S. 70° E.
69.00	Wash, 20 lks. wide, course S. 50° E.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap,
	$\begin{array}{c} T41N R15W \\ \\ S16 S15 \\ \\ S21 S22 \\ \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, rolling.
	Soil, sandy, 3rd rate.
	No timber.
	Undergrowth, sagebrush and greasewood.

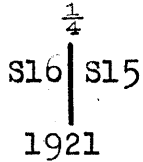
40.00	N. 89° 58' E., on a random line, bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23.
	Thence,
	S. 89° 57' W., on a true line, bet. secs. 15 and 22.
	Over rolling land, thru. scattering undergrowth.
15.45	Wash, 20 lks. wide, course S. 10° E.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} S 15 \\ \\ S 22 \\ \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Cor. stands in wash, 30 lks. wide, course S. 20° E.
49.85	Wash, 30 lks. wide, course S. 20° E.
52.75	Telephone line, brs. N. to St. George, Utah and S. to Littlefield.
79.94	The cor. of secs. 15, 16, 21 and 22.
	Land, rolling.
	Soil, sandy, 3rd rate.
	No timber.
	Undergrowth, yucca, greasewood and sagebrush.

	N. 0° 2' W., bet. secs. 15 and 16.
	Over rolling land, thru. scattering undergrowth.

18 Completion of Subdivision of Township 41 North Range 15 West.

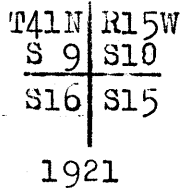
Chains.

36.50 Wash, 50 lks. wide, course S. 30° E.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



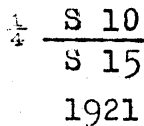
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

50.20 Old road, brs. N. 5° E. to St. George, Utah, and S. 5° W.
77.50 Wash, 40 lks. wide, course S. 45° E.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, sandy, 3rd rate.
No timber.
Undergrowth, sage brush, greasewood and yucca.

40.00 N. 89° 57' E., on a random line, bet. secs. 10 and 15.
Set temp. 1/4 sec. cor.
79.82 Intersect the cor. of secs. 10, 11, 14 and 15.
Thence,
S. 89° 57' W., on a true line, bet. secs. 10 and 15.
Over rolling land, thru. scattering undergrowth.
29.05 Draw, 30 lks. wide, 3 ft. deep, course SE.
35.40 Telephone line, brs. N. to St. George, Utah, and S. to Littlefield.
36.60 Draw, 6 lks. wide, 2 ft. deep, course SE.
39.91 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

45.90 Center of draw, 1 ch. wide, course SE.
71.40 Draw, 6 lks. wide, 2 ft. deep, course SE.
74.40 Old road, brs. N. to St. George, Utah and S.
79.82 The cor. of secs. 9, 10, 15 and 16.
Land, rolling.
Soil, sand and rocks, 3rd rate.
No timber.
Undergrowth, greasewood, yucca, cactus and sagebrush.

N. 0° 2' W., bet. secs. 9 and 10.
Over level land, thru. scattering undergrowth.

Completion of Subdivision of Township 41 North Range 15 West. 19

Chains.

- 9.00 Wash, 30 lks. wide, course S. 45° E.
- 17.00 Wash, 15 lks. wide, course S. 30° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$
 S 9 | S 10
 1921

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

- 52.00 Wash, 20 lks. wide, course S. 30° E.
- 73.00 Wash, 30 lks. wide, course S. 40° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T41N	R15W
S 4	S 3
S 9	S 10

 1921

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

Land, level and rolling.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, yucca, sagebrush and greasewood.

- 40.00 N. 89° 57' E., on a random line, bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
- 79.80 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence,
 S. 89° 50' W., on a true line, bet. secs. 3 and 10.
 Over rolling land, thru. scattering undergrowth.

- 11.40 Draw, 10 lks. wide, 2 ft. deep, course S.
- 19.20 Telephone line brs. N. to St. George, Utah, and S. to Littlefield.
- 26.20 Draw, 16 lks. wide, $1\frac{1}{2}$ ft. deep, course S.
- 33.20 Draw, 15 lks. wide, course S.
- 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 3
 S 10
 1921

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

- 62.60 Draw, 5 lks. wide, course S. 15° E.
- 68.50 Old road, brs. N. 20° W. to St. George, Utah and S. 20° E.
- 75.80 Draw, 6 lks. wide, course S. 15° E.
- 77.70 Draw, 8 lks. wide, 2 ft. deep, course S. 20° E.
- 79.80 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, yucca, greasewood, sagebrush and cactus.

- 40.00 N. 0° 2' E., on a random line, bet. secs. 3 and 4. Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Fall 21 lks. E. of the cor. of secs. 3 and 4, and frac. secs. 33 and 34, on the N. bdy. of Tp., hereinbefore described.

206. Completion of subdivision of Township 41 North, range 15 West.

Chains.

Thence,
S.0°7'E., on a true line, bet. secs.3 and 4.
Over rolling land, thru. scattering undergrowth.
39.96 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

S 4 | S 3
1921

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,W.
of cor.
67.45 Road, brs. N.25° E. to St.George,Utah and S.25° W. to
Littlefield.
72.95 wash,25 lks.wide, course S.20°E.
79.96 The cor.of secs.3,4, 9 and 10.
Land,rolling.
Soil,rocks, 4th rate.
No timber.
Undergrowth, yucca, cactus, sagebrush and greasewood.

The original cor.of secs.20,21,28 and 29 is an iron post,
2 ins. in diam.,projecting 12 ins. above ground,firmly
set, properly marked on brass cap,and witnessed by
pits, NE., SE., SW. and NW., and mound of earth, W.of
cor. No bearing trees.

Thence,
N.0°3'W., bet. secs. 20 and 21.
Over level land, thru. thick undergrowth.
8.50 Old road, brs.N.30°W. to Sullivan's pump, and S.30°E. to
Littlefield.
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 24 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,

S20 | S21
1921

80.00 Dig pits, 18x18x12 ins., N.and S.of post, 3 ft. dist.
Set an iron post, 3 ft.long, 2 ins. in diam.,26 ins. in
the ground, for cor.of secs. 16,17,20 and 21,marked
on brass cap,

T41N | R15W
S17 | S16
S20 | S21
1921

and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high,W.
of cor.
Land,level.
Soil,sandy and rocky, 3rd rate.
No timber.
Undergrowth, greasewood, yucca,cactus and sagebrush.

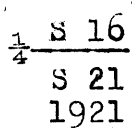
N.89° 59'E., on a random line, bet. secs. 16 and 21.
40.00 set temp. $\frac{1}{4}$ sec.cor.
80.12 Intersect N. and S. line, 2 lks.S. of the cor.of secs.15,
16, 21 and 22.

Thence,
S.89°58'W.,on a true line, bet. secs.16 and 21.
Over rolling land, thru. scattering undergrowth.
9.40 Draw, 20 lks.wide, course S.40°E.
9.60 Old road, brs.N. to St.George, Utah, and S.
23.70 Old road, brs.N.20°W. to St.George,Utah,and S.20°E.

Completion of subdivision of Township 41 North, Range 15 West. 21

Chains.

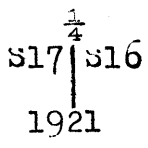
29.30 wash, 50 lks. wide, course S. 5° E.
40.06 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, with marked stone, for 1/4 sec. cor., and raise a mound of stone around post, with brass cap, marked



43.40 road, brs. N. 45° W. to St. George, Utah and S. 45° E. to Littlefield.

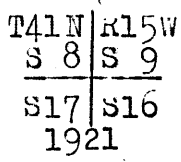
44.10 was n, 35 lks. wide, course S. 45° E.
80.12 The cor. of secs. 16, 17, 20 and 21:
Land, rolling.
Soil, sand and rocks, 3rd rate.
No timber.
Undergrowth, sagebrush and greasewood.

N. 0° 3' W. bet. secs. 16 and 17.
Over level land, thru. thick undergrowth.
37.50 Draw, 5 lks. wide, 6 ft. deep, course SE.
40.00 set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

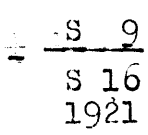
65.10 Old road, brs. NW. and SE.
71.30 Draw, 10 lks. wide, 6 ft. deep, course S. 30° E., 27 ins. in
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, level.
Soil, sand and rocks, 3rd rate.
No timber.
Undergrowth, yucca, sagebrush, cactus and greasewood.

N. 89° 58' E., on a random line, bet. secs. 9 and 16.
40.00 Set temp. 1/4 sec. cor.
80.10 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence,
N. 89° 50' W., on a true line, bet. secs. 9 and 16.
Over rolling land, thru. scattering undergrowth.
2.30 Draw, 8 lks. wide, 2 ft. deep, course S. 45° E.
31.30 Road, brs. N. to St. George, Utah, and S. to Littlefield.
40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

22 Completion of Subdivision of Township 41 North, Range 15 West.

Chains.

N. of cor.
 46.90 Draw, 5 lks. wide, course S. 45° E.
 68.30 Draw, 10 lks. wide, course S. 20° E.
 80.10 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca, cactus, and sagebrush.

 N. 0° 3' W., bet. secs. 8 and 9.
 Over level land, thru. thick undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam.; 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor.; marked on brass cap,

S 8 | S 9
 1921

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 49.00 Draw, 10 lks. wide, course S. 10° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam.; 27 ins. in
 the ground, for cor. of secs. 4, 5, 8 and 9, marked on
 brass cap,

T41N | R15W
 S 5 | S 4
 S 8 | S 9
 1921

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, level.
 Soil, sand and rocks, 3rd rate.
 No timber.
 Undergrowth, sagebrush, yucca, cactus and greasewood.

 S. 89° 50' E., on a random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 3,
 4, 9 and 10.
 Thence,
 N. 89° 54' W., on a true line, bet. secs. 4 and 9.
 Over gently rolling and level land, thru. scattering
 undergrowth.
 4.40 Road, brs. N. 17° E. to St. George, Utah and S. 17° W. to
 Littlefield.
 23.70 Draw, 6 lks. wide, course S. 20° E.
 32.00 Draw, 1 ch. wide, course S. 15° E.
 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor.; marked on brass cap,

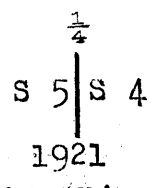
$\frac{1}{4}$ S 4
 S 9
 1921

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of
 cor.
 80.10 The cor. of secs. 4, 5, 8 and 9.
 Land, gently rolling and level.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, chaparral.

Completion of Subdivision of Township 41 North, Range 15 West. 23

Chains.

40.00 N.0°7'W., on a random line, bet. secs. 4 and 5.
 Set temp. 1/4 sec.cor.
 79.89 Fall 9 lks. W.of the cor.of secs. 4 and 5, and fracl. secs.
 32 and 33, on W. bdy.of Tp., hereinbefore described.
 Thence,
 S.0° 3' E., on a true line, bet. secs.4 and 5.
 Over gently rolling land, thru. thick undergrowth.
 39.89 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec.cor., marked on brass cap,

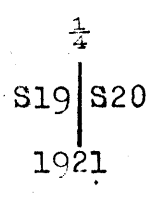


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W.of cor.
 79.89 The cor.of secs.4,5,8 and 9.

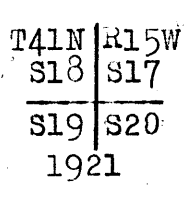
Land, gently rolling.
 Soil, sandy loam, 3rd rate.
 No timber.
 Undergrowth, greasewood, sagebrush, cactus and yucca.

The original cor.of secs. 19,20,29 and 30 is an iron
 post 2 ins. in diam., projecting 12 ins. above ground
 firmly set, properly marked on brass cap, and wit-
 nessed by pits, NE., SE., SW and NW., and mound of
 earth, W.of cor.
 No bearing trees.

Thence,
 N.0° 3' W., bet. secs.19 and 20.
 Over rolling land, thru. scattering undergrowth.
 11.90 Road, brs.N. 45°W. to Sullivan's Pump and S.45° E. to
 Littlefield.
 Ascend SW.slope, 195 ft.
 32.20 Rim, brs. N.30°W. and S.30°E. Thence over rolling mesa.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins.
 in the ground, with marked stone, for 1/4 sec.cor., and
 raise a mound of stone around post, with brass cap,
 marked



80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins.
 in the ground, with marked stone, for cor.of secs.17,
 18, 19 and 20, and raise a mound of stone around
 post, with brass cap, marked



Land, rolling and broken.

24 Completion of Subdivision of Township 41 North Range 15 West

Chains.	Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, sage brush and yucca.
40.00	East, on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 13 lks. S. of the cor. of secs. 16, 17, 20 and 21. Thence, S. $89^{\circ} 54'$ W., on a true line, bet. secs. 17 and 20. Over rolling land, thru. scattering undergrowth.
15.30	Wash, 10 lks. wide, course S. 30° E.
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.
	$\frac{1}{4} \text{ S } 17$ $\frac{1}{4} \text{ S } 20$ 1921
46.60	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Old road, brs. NW. to Sullivan's Pump, and SE, to Littlefield.
79.98	The cor. of secs. 17, 18, 19 and 20. Land, rolling. Soil, sand and rocks; 3rd rate. No timber. Undergrowth, sage brush and greasewood.
40.00	West, on a random line, bet. secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor.
79.80	Fall 6 lks. S. of the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., described in Book "B." Thence, S. $89^{\circ} 57'$ E., on a true line, bet. secs. 18 and 19. Over rolling land, thru. scattering undergrowth.
18.00	Center of Beaver Dam wash, 2.50 chs. wide, course south. Ascend 90 ft.
28.40	Road brs. N. and S. to Littlefield.
30.80	Road brs. N. 30° E. and S. 30° W. to Littlefield. Descend.
37.00	Wash, 35 lks. wide, course S. 70° W.
39.80	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone around post, with brass cap, marked
	$\frac{1}{4} \text{ S } 18$ $\frac{1}{4} \text{ S } 19$ 1921
44.80	Road brs. N. and S. to Littlefield. Thence over level land.
54.80	Ascend 165 ft. over W. slope.
62.00	Rim, brs. N. and S. Thence over level land.
79.80	The cor. of secs. 17, 18, 19 and 20. Land, level, rolling and broken. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, sagebrush, greasewood and yucca.

Completion of Subdivision of Township 41 North, Range 15 West. 25

chains.	
	N.0°3'W., bet. secs.17 and 18.
32.50	Over level land, thru. scattering undergrowth.
40.00	Road, brs. NW. to Sullivan's Pump, and SE. to Littlefield.
	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the
	ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a
	mound of stone around post, with brass cap, marked
	$\begin{array}{c} \frac{1}{4} \\ \cdot S18 \quad \quad S17 \\ 1921 \end{array}$
73.60	Old road, brs. N.45°W. to Sullivan's Pump, and S.45°E. to Lit-
	tlefield.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the
	ground, for cor. of secs. 7, 8, 17 and 18, marked on brass
	cap,
	$\begin{array}{c} T41N \quad \quad R15W \\ S \quad 7 \quad \quad S \quad 8 \\ \hline S18 \quad \quad S17 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
	of cor.
	Land, level and rolling.
	Soil, sandy and rocky, 3rd rate.
	No timber.
	Undergrowth, greasewood and sagebrush.

	N.89°54'E., on a random line, bet. secs.8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 8, 9, 16
	and 17.
	Thence,
	S.89°53'W., on a true line, bet. secs. 8 and 17.
	Over level land, thru. thick undergrowth.
10.55	Draw, 10 lks. wide, 0 ft. deep, course SE.
16.95	Old road, brs. N.30°W. to Sullivan's Pump, and S.30°E. to
	Littlefield.
39.93	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the
	ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} S \quad 8 \\ \frac{1}{4} \\ \hline S \quad 17 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of
	cor.
79.86	The cor. of secs. 7, 8, 17 and 18.
	Land, level.
	Soil, sandy & rocky, 3rd rate.
	No timber.
	Undergrowth, sage brush, yucca and greasewood.

	N.89°57'W., on a random line, bet. secs.7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.74	Fall 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the W.
	bdy. of Tn. described in Book "B."
	Thence, S.89°55'E., on a true line, bet. secs. 7 and 18.
	Over level bottom land, thru. dense undergrowth.
	Across Beaver Dam Wash. to the cor. of
5.00	Road in wash, brs. N. to Sullivan's Pump & S. to Littlefield.
5.50	Ascend 90 ft., over steep W. slope.
10.60	Descend 20 ft., over E. slope.
15.90	Draw, 15 lks. wide, course S.20°W. Asc. 170 ft. over W. slope.
38.00	Top of rim, brs. N. and S. Thence over nearly level land.
39.74	Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the
	ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} S \quad 7 \\ \frac{1}{4} \\ \hline S \quad 18 \\ 1921 \end{array}$
	and raise mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

26 Completion of Subdivision lines of Township 41 North, Range 15 W.

41.60	Road brs. N. 15° W. to Sullivan's Pump, & S. 15° E. to Littlefield.
77.20	Road, brs. N. to Sullivan's Pump and S. to Littlefield.
79.74	The cor. of secs. 7, 8, 17 and 18. Land, level, rolling and broken. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, sagebrush, yucca and greasewood.

40.00	N. 0° 3' W., bet. secs. 7 and 8. Over nearly level land, thru. scattering undergrowth. Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground, with marked stone, for $\frac{1}{4}$ sec. cor., and raise a mound of stone, around post, with brass cap, marked
	$\begin{array}{c} \frac{1}{4} \\ S\ 7\ \ S\ 8 \\ 1921 \end{array}$
50.30	Old road, brs. N. 30° W. and S. 30° E.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, with marked stone, for cor. of secs. 5, 6, 7 and 8; and raise a mound of stone, around post, with brass cap, marked
	$\begin{array}{c} T41N\ \ R15W \\ S\ 6\ \ S\ 5 \\ \hline S\ 7\ \ S\ 8 \\ 1921 \end{array}$
	Land, nearly level. Soil, sandy and stony, 3rd rate. No timber. Undergrowth, sage brush and greasewood.

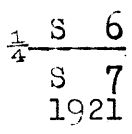
40.00	N. 89° 53' E., on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9. Thence, S. 89° 50' W., on a true line, bet. secs. 5 and 8. Over nearly level land, thru. scattering undergrowth.
8.20	Draw, 5 lks. wide, course S.
39.94	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, on bed rock, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\begin{array}{c} \frac{1}{4} \ S \ 5 \\ S \ 8 \\ 1921 \end{array}$
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
75.70	Draw, 10 lks. wide, course S. 20° E.
79.88	The cor. of secs. 5, 6, 7 and 8. Land, nearly level. Soil, sandy and rocky, 3rd rate. No timber. Undergrowth, sage brush, greasewood and yucca.

40.00	N. 39° 55' W., on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
79.72	Intersect the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of Tp., described in Book "3." Thence,

Completion of Subdivision of Township 41 North, Range 15 West.

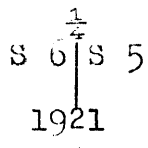
chains.

S.89°55'E., on a true line, bet. secs. 6 and 7.
 Over broken land, thru. scattering undergrowth.
 5.20 Wash, 75 lks. wide, course S.10°W. Ascend 125 ft.
 18.20 Wash, 30 lks. wide, course S. Continue ascent.
 19.70 Point of spur, slopes S.20°W. Descend 25 ft.
 21.60 Wash, 20 lks. wide, course S.10°W. Ascend 15 ft.
 24.70 Descend 30 ft.
 33.40 Wash, 30 lks. wide, course S. Ascend 35 ft.
 39.72 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N.
 of cor.
 thence, over level land.
 48.05 Road, brs. N.40°W. and S.40°E.
 79.72 The cor. of secs. 5, 6, 7 and 8.
 Land, level, rolling and broken.
 Soil, sandy and rocky, 3rd rate.
 No timber.
 Undergrowth, sagebrush, yucca and greasewood.

N.0°3'W., on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Fall 16 lks. E. of the cor. of secs. 5 and 6, and frac. secs.
 31 and 32, on N. bdy. of Tp., hereinbefore described.
 Thence,
 S.0°10'E., on a true line, bet. secs. 5 and 6.
 40.18 Over level land, thru. scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.
 60.50 Wash, 30 lks. wide, course S.30°W.
 65.20 Wash, 30 lks. wide, course S.40°E.
 80.18 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, sandy and rocky, 3rd rate.
 No timber.
 Undergrowth, yucca and greasewood.

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

GENERAL DESCRIPTION.

Except for the east and west ranges of sections, which
 contain broken land, the major portion of this township
 surveyed at this time consists of level or slightly
 rolling land, draining to the south. This portion of
 the township is uninhabited, and without water. The
 land is sandy and rocky, covered with undergrowth of
 greasewood, sagebrush, yucca and cactus, and may be
 classed as 3rd rate. Besides several old roads, which

lead in a westerly direction out of the township, a good road and a telephone line runs northerly and southerly thru. the township from Littlefield to St. George, Utah.

There is no indication of mineral.

30
BOOK 3520

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Claude F. Warner, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 112, Arizona, bearing date of the 29th day of September, 1920, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision lines of Township 41 North, Range 15 West,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof 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 Group 112, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place Helena, Mont.
Date Jan 19, 1922

Claude F. Warner
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.

32
BOOK 3520

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, Joseph P. Davis, U. S. Cadastral Engineer,, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 112, Arizona, bearing date of the 29th day of September, 1921, 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, ^{re-} surveyed all those parts or portions of the East boundary, and surveyed all those parts or portions of the North boundary, and Subdivision lines of Township 41 North, Range 15 West, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of resurvey and said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 112, Arizona,

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

Place Phoenix, Ariz.
Date January 16, 1922

Joseph P. Davis
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, January 25, 1922.

The foregoing field notes of the ^{re-} survey of part of the East boundary (the North 4 miles) and of the survey of the North boundary and of part (completion) of the Subdivision lines of Township 41 North, Range 15 West, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Joseph P. Davis, U.S. Cadastral Engineer, and Claude F. Warner, U.S. Transitman, under his special instructions dated Sept. 29, 1920, for Group 112, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys resurveys and they describe, are hereby approved.

Claude F. Warner
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.