



BOOK "I"

BOOK 2659

MAY 11 1914

FIELD NOTES

RE
OF THE SURVEY OF THE

Subdivision lines of Tp. 21 S. Rg. 27 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse

In the capacity of U. S. Surveyor, under instructions dated May 22nd, 1912,
issued by the United States Surveyor General to govern surveys included in
Group No. 18, which were approved by the Commissioner of the General Land
Office, June 20th, 1912, pursuant to authority contained in the Act of
Congress dated August 23, 1912

Re Survey commenced March 17, 1913.

Re Survey completed April 3, 1913.

BOOK 2659

INDEX DIAGRAM.

Township _____, Range _____

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

183
B

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

- Re Survey commenced March 17, 1913, and executed with a W. & L. E. Gurley transit, not numbered, with solar attachment. The horizontal limb is provided with one double vernier, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.
- The instrument was approved by the supervising surveyor August 28, 1912.
- At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 33\frac{1}{2}'$ N. on the lat. arc; $1^{\circ} 23\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, recently reestab. by me as described in Book "H", thence I run,
- North, bet. secs. 35 and 36, on random line
Over gently rolling land, through dense brush.
- 40.48 Fall 34 lks. E. of old $\frac{1}{4}$ sec. cor. a mesquite stake firmly set, marked $\frac{1}{4}$ on W. face; no trace of pits or mound of earth. I destroy this old cor. and reestablish it in its original position as follows:
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 $\frac{1}{4}$ S35 in W. S36 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor. I destroy old cor. True course & dist. of this $\frac{1}{2}$ mile is therefore N. $0^{\circ} 29'$ W., 40.48 chs.
Thence I run from $\frac{1}{4}$ sec. cor.
- 26.00 North, on random line, bet. secs. 35 & 36, on N. $\frac{1}{2}$ mile
Cross road bears N. E. and S. W.
- 40.30 Fall 2 lks. E. of old cor. of secs. 25, 26, 35 and 36, a mesquite stake firmly set, marks illegible, trace of pits and mound of earth. I destroy this old cor. and reestablish it in its original position as follows:
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
T21SR27E in N. and
1913 in S. half;
S26 in N. W.
S25 in N. E.
S36 in S. E. and
S35 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
True course & dist. of this $\frac{1}{2}$ mile is therefore N. $0^{\circ} 02'$ W., 40.30 chs.
Land, gently rolling.
Soil, sandy mixed with gravel; 2nd. rate.
No timber.
Undergrowth, greasewood, chaparral and blackbrush.
- 40.325 East, bet. secs. 25 and 36, on random line
Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
- 81.30 Fall on cor. of secs. 25, 26, 35 and 36 on the E. bdy. of Tp, recently reestab. by me as described in Book "H"
Thence I run
West, bet. secs. 25 and 36, on true line
Over gently rolling land, through dense brush.
- 38.50 Cross road bears N. W. and S. E.
- 40.65 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S25 in N. and S36 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 75.20 Cross road bears N. E. and S. W.
- 81.30 The ^{REESTAB.} cor. of secs. 25, 26, 35 and 36, heretofore described.
Land, gently rolling.
Soil, sandy, mixed with gravel; 2nd. rate.
No timber.
Undergrowth, chaparral, greasewood, and blackbrush.
- NOTE: March 17: At this cor. I set off $1^{\circ} 20'$ S. on the decl.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 34'$ N.

- 40.00 North, bet. secs. 25 and 26, on random line
Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
- 80.40 Fall 7 lks. E. of the old cor. of secs. 23, 24, 25 and 26 a mesquite stake firmly set, marks illegible. No trace of pits or mound of earth. I destroy this ^{OLD} cor. and re-establish it in the same place as follows:
Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap
T21SR27E in N. and
1913 in S. half;
S23 in N. W.
S24 in N. E.
S25 in S. E. and
S26 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Thence I run, on true line
S. $0^{\circ} 03'$ E., bet. secs. 25 and 26.
Over level land, through dense brush.
- 40.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ~~reestab. $\frac{1}{4}$ sec. cor.~~, marked on brass cap $\frac{1}{4}$ S26 in W. S25 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.40 ^{REESTAB.} The Δ cor. of secs. 25, 26, 35 and 36, **hereinbefore described**
Land, level.
Soil, sandy, mixed with gravel; 2nd. rate.
No timber.
Undergrowth, chaparral, blackbrush and greasewood.
- I return to the ^{REESTAB.} Δ cor. of secs. 23, 24, 25 and 26, and a flag on ~~the cor. of secs. 24, & 25,~~ 25 and 30 on the E. bdy. of the Tp. being plainly visible, I run for said cor. N. $89^{\circ} 40'$ E. bet. secs. 24 and 25.
- 40.05 Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
- 82.06 The cor. of secs. 24 and 25, ~~recently reestab. by me~~ as described in Book "H"
Thence I run, on true line,
S. $89^{\circ} 40'$ W., bet. secs. 24 and 25.
Over gently rolling land, thorough dense brush.
- 34.35 Cross road bears N. E. and S. W.
- 41.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ~~reestab. $\frac{1}{4}$ sec. cor.~~, marked on brass cap $\frac{1}{4}$ S24 in N. and S25 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 82.06 ^{REESTAB.} The Δ cor. of secs. 23, 24, 25 and 26, **hereinbefore described**.
Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood, mesquite and blackbrush.

NOTE: March 14: I examine the adjustments of the transit, and find them correct; then to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

At my camp which is located near the ^{OLD} Δ cor. of secs. 21, 22 and 28, Tp. 21 S. Rg. 27 E.; latitude $31^{\circ} 35'$ N., longitude $109^{\circ} 37' 27''$ W.; I set off $31^{\circ} 35'$ N. on the

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

chains.

lat. arc; $1^{\circ} 14\frac{1}{2}'$ S. on the decl. arc; and, at 4h. 30m. p.m., l.m.t., Determine with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 chs. N. of my station.

At 7h. 45m. p.m. by my watch, which has correct L.m.t., I observe Polaris at western elongation, in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of my station.

March 17, 1913.

March 18¹⁹¹³ At 7h. 00m. a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ} 21'$ to the east, and mark the meridian thus determined, by cutting a small groove in the stone set March 17, on which the meridian coincides with the mark determined by the solar.

At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 35'$ N. on the lat. arc; $1^{\circ} 00'$ S. on the decl. arc; and mark a point in the meridian determined with the solar, by a cross on the stone already set 5 chs. N. of my station; this mark coincides with the meridian determined by the Polaris observation.

The solar apparatus, by p.m. and a.m. observations, defines positions for meridians which coincide with the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h. 45m. a.m. l.m.t. is N. $13^{\circ} 30'$ W.; the angle thus determined gives the mag. decl. $13^{\circ} 30'$ E.

I commence at the ^{REESTAB.} cor. of secs. 23, 24, 25 and 26,

Thence I run

North, on a random line, making careful search at 40⁰⁰ and 80.00 chs. for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at

119.25 Fall 108 lks. W. of the old $\frac{1}{4}$ sec. cor. bet. secs. 13 and 14 which is a mesquite stake, firmly set, with marks nearly obliterated, and traces of pits and mound of earth. True course and dist. of this line is therefore S. $0^{\circ} 31'$ W., 119.25 chs. Thence I run, S. $0^{\circ} 31'$ W. on a true line establishing temp. $\frac{1}{4}$ sec. and sec. cor. at proportional distances.

39.75 Set temp. cor. of secs. 13, 14, 23 and 24.

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

119.25 The cor. of secs. 23, 24, 25 and 26. hereinbefore described

I commence at the cor. of secs. 13, 14, 23 and 24 on the E. bdy. of the Tp. recently reestab. by me as described in Book "H"

Thence I run,

West, on a random line, making careful search at 40.00 and 80.00 chs. for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at

121.17 Fall 63 lks. N. of the old $\frac{1}{4}$ sec. cor. bet. secs. 14 and 23 which is a granite stone, lying on ground, marked as described by the surveyor general. No trace of pits or mound of earth. True course & dist. of this line is therefore N. $89^{\circ} 42'$ E., 121.17 chs.

Thence I run,

N. $89^{\circ} 42'$ E., on a true line, establishing temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances

40.39 Set temp. cor. of secs. 13, 14, 23 and 24.

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

121.17 The ^{REESTAB.} cor. of secs. 13, 24 and 24 chs. E. bdy. of Tp. described in Book "H"

From the temp. cor. of secs. 13, 14, 23 and 24 on the

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

- N. and S. line I run E. 42 lks., and from the temp. cor. of secs. 13, 14, 23 and 24 on the E. and W. line, I run S. 137 lks. to intersection of the two lines where I set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ~~reestab. cor.~~ of secs. 13, 14, 23 and 24, marked on brass cap
 T21SR27E in N. and
 1913 in S. half;
 S14 in N. W.
 S13 in N. E.
 S24 in S. E. and
 S23 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Thence I run
 S. $0^{\circ}/49'$ W. bet. secs. 23 and 24, on true line
 Over gently rolling land, through dense brush.
- 3.70 Cross road bears E. and W.
 29.17 A point from which
 Mr. Hedges house bears S. 22 35' E.
 windmill bears S. 25 20' E.
 Ray Sampson house bears S. 5 00' W..
 windmill bears S. 8 35' W.
- 31.10 Cross fence bears N. E. and S. W.
 39.75 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ~~reestab. cor.~~ of sec. cor., marked on brass cap $\frac{1}{4}$ S23 in W. S24 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 46.05 Cross wash 60 lks. wide course S. W.
 61.20 Cross fence bears N. E. and S. W.
 68.88 A point from which
 Mr. Hedges house bears N. $34^{\circ}.50'$ E..
 windmill bears N. $37^{\circ}.00'$ E.
 Ray Sampson house bears N. $23^{\circ}.50'$ W.
 windmill bears N. $25^{\circ}.30'$ W.
- 69.18 Cross road bears N. E. and S. W.
 79.50 ~~The reestab. cor. of secs. 23, 24, 25 and 26. hereinafter described~~
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, chaparral and blackbrush.
- NOTE: ~~March 18-~~ At this cor. I set off $0^{\circ}/56\frac{1}{2}'$ S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ}/35'$ N.
- I return to ~~reestab. cor.~~ of secs. 13, 14, 23 and 24, ~~hereinafter described~~
 Thence I run
 N. $88^{\circ}/44'$ E., bet. secs. 13 and 24, on true line,
 Over gently rolling land, through scattering brush.
- 40.40 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ~~reestab. cor.~~ of sec. cor., marked on brass cap $\frac{1}{4}$ S13 in N. and S24 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 40.10 Cross road bears N. E. and S. W.
 41.00 Cross fence bears N. E. and S. W.
 66.60 Cross wash 30 lks. wide course S. W.
 76.50 Cross road bears N. E. and S. W.
 79.55 Cross fence bears N. and S.
 79.70 Cross road bears N. and S.
 80.80 The cor. of secs. 13, 14, 23 and 24 on the E. bdy. of the Tp., recently reestab. by me as described in Book "H"
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and chaparral.

BOOK 2659

Resurvey of Subdivision Lines of Tp. 21 S. Rg. 27 E.

Chains.	I return to the ^{reestab.} cor. of secs. 13, 14, 23 and 24 ^{hereinbefore described}	
	Thence I run	
	N. 0° 05' W. bet. secs. 13 and 14, on true line.	
39.75	Over gently rolling land, through dense brush. The old $\frac{1}{4}$ sec. cor., previously described, I destroy this cor. and re-establish it in the same place as follows:	
	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 $\frac{1}{4}$ S14 in W.	
	S13 in E/ and 1913 in S. half; dig pits 18 x 18 x 12 ins.	
	N. and S. of post 3 ft. dist., and raise a mound of earth	
	$3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.	
1.40	Thence I run from $\frac{1}{4}$ sec. cor. North, on random line. Cross road bears N. E. and S. W.	
40.07	Fall 37 lks. E. of old cor. of secs. 11, 12, 13 and 14, which is a flint stone, lying on mound of earth, marked with 1 notch on E. and 5 notches on S. edges. No trace of pits. I destroy this old cor. and re-establish it in the same place as follows;	
	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on	
	brass cap	
	T21SR27E in N. and	
	1913 in S. half;	
	S11 in N. W.	
	S12 in N. E.	
	S13 in S. E. and	
	S14 in S. W. quadrant; and raise a mound of stone 2 ft.	
	base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.	
	The course & dist. of this $\frac{1}{2}$ mile is therefore N. 0° 32' W. 40.07 chs.	
	Land, gently rolling.	
	Soil, sandy loam, dry, medium texture; 1st. rate.	
	No timber.	
	Undergrowth, greasewood, chaparral and blackbrush.	
	East, bet. secs. 12 and 13, on random line.	
1.90	Over rolling land, through dense brush. Cross road bears N. and S.	
40.36	Fall 4 lks. N. of the old $\frac{1}{4}$ sec. cor. which is a stone firmly set in the ground, marked and witnessed as described by the surveyor general. I destroy this old cor. and re-establish it in the same place as follows:	
	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 $\frac{1}{4}$ S12 in N.	
	and S13 1913 in S. half; dig pits 18 x 18 x 12 ins. E.	
	and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$	
	ft. base $1\frac{1}{2}$ ft. high, N. of cor.	
	True course & dist. of this $\frac{1}{2}$ mile is therefore S. 89° 57' E. 40.36	chs.
	Thence I run from $\frac{1}{4}$ sec. cor.	
41.12	East, on a random line bet. secs. 12 & 13 on E. half mile. Fall 262 lks. S. 80° 22' W. of the cor. of secs. 12 and 13, on E. of the Tp. recently reestablished, as described in Book "H."	
	True course & dist. of this $\frac{1}{2}$ mile is therefore S. 86° 21' E. 41.20	chs.
	Land, rolling.	
	Soil, Rocky; 4th. rate., except W. 25.00 chs. which is sandy loam, dry, medium texture; 1st. rate.	
	No timber.	
	Undergrowth, greasewood, mesquite and chaparral.	
	March 18, 1913.	
	March 19 ¹⁹¹³ At 7h. 30m. a.m., 1.m.t., I set off 31° 37' N. on the lat. arc; 0° 36' S. on the decl. arc; and determine a meridian with the solar at the ^{REESTAB.} cor. of secs. 11, 12, 13 and 14 ^{hereinbefore described}	
	Thence I run	
	North, bet. secs. 11 and 12, on random line.	

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.	
40.00	Over rolling land, through dense brush. I make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor..
82.37	Fall 91 lks. W. of old cor. of secs. 1, 2, 11 and 12, a mesquite stake, firmly set, marks illegible, with trace of pits and mound of earth. <i>Therefore, true course & dist. of this line is N.0°38'E, 82.38 chs.</i> I return to the ^{REESTAB} cor. of secs. 11, 12, 13 and 14, ^{hereinbefore} described. Thence I run
	N. 0° 38' E., bet. secs. 11 and 12, on true line.
32.80	Over rolling land, through dense brush.
41.19	Cross road bears N. W. and S. E.
47.50	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S11 in W. S12 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, W. of cor.
82.38	Cross road bears N. E. and S. W.
82.38	The old cor. of secs. 1, 2, 11 and 12, previously described. I destroy this ^{cap} cor. and re-establish it in the same place as follows:
	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked on brass cap
	T21SR27E in N. and
	1913 in S. half;
	S2 in N. W.
	S1 in N. E.
	S12 in S. E. and
	S11 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
	each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
	base 2 ft. high, W. of cor.
	Land, rolling.
	Soil, sandy loam, dry, medium texture; 1st. rate.
	No timber.
	Undergrowth, chaparral, greasewood and blackbrush.
40.23	East, bet. secs. 1 and 12, on random line. I make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
81.05	Fall 104 lks. S.0°35'W of the cor. of secs. 1, 6, 7 and 12 on E. bdy. of the Tp., ^{REESTAB} recently reestab. by me, as described in ^{Book 2114} Thence I run,
	S. 89° 16' W. bet. secs. 1 and 12, on true line.
5.75	Over rolling land, through dense brush.
16.95	Cross wash 12 lks. wide course S. W.
40.53	Cross wash 6 lks. wide course S. W.
63.05	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S1 in N. and S12 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.
81.06	Cross road bears N. W. and S. E.
81.06	The ^{REESTAB} cor. of secs. 1, 2, 11 and 12, ^{hereinbefore} described.
	Land, rolling.
	Soil, sandy, mixed with gravel and rocks; 2nd. rate.
	No timber.
	Undergrowth, greasewood, chaparral and blackbrush.
40.00	North, bet. secs. 1 and 2, on random line. I make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
73.94	Fall 2.86 chs. W. of old closing cor. of secs. 1 and 2 Tp. 21 S. Rg. 27 E., <i>Therefore, true course & dist. of this line is N.2°13'E, 74.00 chs.</i> I return to the ^{REESTAB} cor. of secs. 1, 2, 11 and 12, ^{hereinbefore} described.
	Thence I run
	N. 2° 13' E., bet. secs. 1 and 2, on true line.
	Over rolling land, through dense brush.

BOOK 2659

Resurvey of Subdivision Mines of Tp. 21 S. Rg. 27 E.

Chains.	NOTE: location of 1/4 sec. cor. determined by proportion 75.50:74.00::40.00:X = 39.20 chs.
39.20	Set an iron post 3 ft. long; 1 in. diam., 26 ins. in the ground for ^{REESTAB} 1/4 sec. cor., marked on brass cap 1/2 S2 in W. and S1 in E. and 1913 in S. half; and raise a mound of stone 2 ft. base 1 1/2 ft. high, W. of cor. Pits impracticable.
57.50	Cross wash 8 lks. wide course S. W.
74.00	The closing cor. of secs. 1 and 2, Tp. 21 S. Rg. 27 E., a stone firmly set, marked and witnessed as described by the surveyor general. I leave this cor. as a line point.
74.40	Intersect Fourth Standard Parallel South, N. 88° 59' W. 8.21 chs. from the standard 1/4 sec. cor. on the S. bdy. of sec. 35 Tp. 20 S. Rg. 27 E., ^{REESTAB} recently reestab. by me as described in Book "G"
	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing cor. of secs. 1 and 2 ^{REESTAB} marked on brass cap CC S. of center; T20SR27E S34 S35 in N. and 1913 in S. half; S1 in S. E. and S2 in S. W. quadrant; and raise a mound of stone 2 ft. base 1 1/2 ft. high, S. of cor. Pits impracticable. Land, rolling. Soil, sandy, mixed with rocks and gravel; 2nd. rate. No timber. Undergrowth, chaparral, greasewood and blackbrush.
	NOTE: March 10; - At this cor. I set off 0° 32 1/2' S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 38 1/2' N.
	I commence at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp. recently reestab. by me, as described in Book "H." Thence I run North, bet. secs. 34 and 35, on random line.
40.00	Make careful search but am unable to find any trace of the old 1/4 sec. cor.
81.02	Fall 57 lks. W. of the old cor. of secs. 26, 27, 34 and 35 a part of a mesquite stake with illegible marks, lying on remains of a mound of earth. No trace of pits. I destroy this cor. and re-establish it in the same place as follows Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, marked on brass cap T21SR27E in N. and 1913 in S. half; S27 in N. W. S26 in N. E. S35 in S. E. and S34 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. From this cor. schoolhouse bears N. 44° 30' E. 175 lks. dist. True course & dist. of this mile is therefore, S. 0° 24' W. 81.04 chs. Thence I run S. 0° 24' W., bet. secs. 34 and 35. ^{on true line}
40.51	Over level land, through saattering brush. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 1/4 sec. cor., marked on brass cap 1/2 S34 in W. S35 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
60.00	Leave brush.
81.02	The cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp. ^{REESTAB} recently reestablished by me as described in Book "H" Land, level. Soil, sandy loam, dry, medium texture, 1st. rate. No timber. Undergrowth, mesquite, greasewood and blackbrush.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.	
	I return to the ^{REESTAB.} cor. of secs. 26, 27, 34 and 35, ^{hereinbefore described} Thence I run East, bet. secs. 26 and 35, on random line, Over nearly level land, through scattering brush.
40.38	Fall 14 lks. N. of old $\frac{1}{4}$ sec. cor. a stone, marked and witnessed as described by the surveyor general, firmly set. ^{and dist.} ^{therefore}
	True course of this half mile is $S. 89^{\circ} 48' E.$, 40.38 chs. Thence I run from $\frac{1}{4}$ sec. cor. East, on a random line bet. secs. 26 and 35, on $E. \frac{1}{2}$ mile.
20.00	Brush becomes dense. ^{REESTAB.} ^{hereinbefore described}
39.07	Fall 80 lks. N. of the ^{REESTAB.} cor. of secs. 25, 26, 35 and 36. ^{hereinbefore described} ^{AND DIST.} ^{THEREFORE} The course of this half mile is $S. 88^{\circ} 50' E.$, 39.08 chs. Land, nearly level. Soil, sandy, mixed with gravel; 2nd. rate. No timber. Undergrowth, greasewood, chaparral and blackbrush. Note: I destroy all traces of the old $\frac{1}{4}$ sec. cor. at 40.38 chs. and re-establish it in the same place as follows: 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 $\frac{1}{2}$ S26 in N. and S35 1913 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
	March 19, 1913.
	March 20 ¹⁹¹³ . At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 34' N.$ on the lat. arc; $0^{\circ} 12\frac{1}{2}' S.$ on the decl. arc; and determine a meridian with the solar at the ^{REESTAB.} cor. of secs. 26, 27, 34 and 35, ^{hereinbefore described,} ^{reestab.} Thence I run North, bet. secs. 26 and 27, on random line,
40.00	Make careful search but am unable to find any trace of the old $\frac{1}{4}$ sec. cor.
80.00	Make careful search but am unable to find any trace of the old cor. of secs. 22, 23, 26 and 27 In continue my random line, North,
120.00	Make careful search but am unable to find any trace of the Old $\frac{1}{4}$ sec. cor.
160.00	Make careful search but am unable to find any trace of the old cor. of secs. 14, 15, 22 and 23. I continue my random line, North
200.00	Make careful search but am unable to find any trace of the old $\frac{1}{4}$ sec. cor.
240.18	Fall 21 lks. E. of the old cor. of secs. 10, 11, 14 and 15, a mesquite stake broken off, with marks nearly obliterated, lying on the remains of a mound of earth. trace of three pits. I destroy this old cor. and re-establish it in the same place as follows: Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap T21SR27E in N. and 1913 in S. half; S10 in N. W. S11 in N. E. S14 in S. E. and S15 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. True course & dist. of line back to the ^{REESTAB.} cor. of secs. 26, 27, 34 & 35 ^{therefore} $S. 0^{\circ} 03' E.$, 240.18 chs. Thence I run $S. 0^{\circ} 03' E.$ setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line.
40.03	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Set temp. cor. of secs. 14, 15, 22 and 23.
40.03	$S. 0^{\circ} 03' E.$ bet. secs. 22 and 23 Set temp. $\frac{1}{4}$ sec. cor.

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

- Chains.
80.06 Set temp. cor. of secs. 22, 23, 26 and 27.
- 40.03 SQ^o Q3¹ E. bet. secs. 26 and 27
Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 The ^{REESTAB.} cor. of secs. 26, 27, 34 and 35. hereinbefore described
- I return to the ^{reestab.} cor. of secs. 10, 11, 14 and 15, hereinbefore described
- NOTE: March 20, 1913. At this cor. I set off 0° 09' S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 37' N.
- Thence I run
- 40.00 North, bet. secs. 10 and 11, on random line,
Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
- 80.14 Fall 233 lks. W. of the old cor. of secs. 2, 3, 10 and 11 a mesquite stake, with marks nearly obliterated, lying on a mound of earth. Trace of pits. I destroy this old cor. and re-establish it in the same place as follows:
Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap
T21SR27E in N. and
1913 in S. half;
S3 in N. W.
S2 in N. E.
S11 in S. E. and
S10 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. True course & dist. of this mile is therefore S. 1° 40' W., 80.17 chs. March 20, 1913.
- March 28, 1913. From the ^{reestab.} cor. of secs. 2, 3, 10 and 11, as described above, I run
- 40.08 $\frac{1}{2}$ S. 1° 40' W. bet. secs. 10 and 11, on true line.
Over gently rolling land, through dense brush.
Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S10 in W. S11 in E. and 1913, in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.17 The ^{REESTAB.} cor. of secs. 10, 11, 14 and 15. hereinbefore described
Land, rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood, chaparral and mesquite.
- 40.00 East, bet. secs. 11 and 14, on random line. I run.
Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.
- 80.27 Fall 149 lks. N. of the ^{reestab.} cor. of secs. 11, 12, 13 and 14, hereinbefore described
True course & dist. of this mile is therefore N. 88° 56' W., 80.28 chs. Thence I run,
N. 88° 56' W., bet. secs. 11 and 14, on true line.
Over gently rolling land, through dense brush.
- 40.14 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S11 in N. and S14 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 80.28 The ^{REESTAB.} cor. of secs. 10, 11, 14 and 15, hereinbefore described.
Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood, chaparral and blackbrush.

March 28, 1913.

BOOK 2659

Resurvey of Subdivision Lines of Tp. 21 S. Rg. 27 E.

Chains.

S. $0^{\circ} 07'$ W. bet. secs. 9 and 10:
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 Set temp. cor. of secs. 9, 10, 15 and 16.

S. $0^{\circ} 07'$ W. bet. secs. 15 and 16.
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 Set temp. cor. of secs. 15, 16, 21 and 22.

S. $0^{\circ} 07'$ W. bet. secs. 21 and 22.
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 Set temp. cor. of secs. 21, 22, 27 and 28.

S. $0^{\circ} 07'$ W. bet. secs. 27 and 28:
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 Set temp. cor. of secs. 27; 28, 33 and 34.

S. $0^{\circ} 07'$ W. bet. secs. 33 and 34:
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 The cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. recently reestab. by me as described in Book "H."

March 21, 1913.

March 22¹⁹¹³ At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 33\frac{1}{2}'$ N. on the lat. arc; $0^{\circ} 35'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. recently reestab. by me as described in Book "H." Thence I run, North, on a random line, making careful search at 40.00 and 80.00 chs. for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at
 478.14 ~~intersect 4th Sd. Parallel~~ ^{56 chs. N. 89° 8' W. of the closing cor.} of secs. 4 and 5, Tp. 21 S. Rg. 27 E., recently reestab. by me as described in Book "G"

NOTE: ~~March 22~~ At this cor. I set off $0^{\circ} 38\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 38\frac{1}{2}'$ N. True course & dist. of this line is therefore, $50^{\circ} 4' W.$ 478.14 chs.

From this cor. I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line
 S. $0^{\circ} 04'$ W. bet. secs. 4 and 5
 35.23 Set temp. $\frac{1}{4}$ sec. cor.
 75.50 Set temp. cor. of secs. 4, 5, 8 and 9.

S. $0^{\circ} 04'$ W. bet. secs. 8 and 9
 40.265 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 8; 9, 16 and 17.

S. $0^{\circ} 04'$ W. bet. secs. 16 and 17
 40.265 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 16, 17, 20 and 21.

S. $0^{\circ} 04'$ W. bet. secs. 20 and 21.
 40.265 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 20, 21, 28 and 29.

S. $0^{\circ} 04'$ W. bet. secs. 28 and 29.
 40.265 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 28; 29, 32 and 33.

S. $0^{\circ} 04'$ W. bet. secs. 32 and 33.
 40.265 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 The cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. recently reestab. by me, as described in Book. "H."

March 22, 1913.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

March 24¹⁹¹³ At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 33\frac{1}{2}'$ N. on the lat. arc; $1^{\circ} 22'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. recently reestab. by me as described in Book "H" (hence I run, North, on a random line making careful search at 40.00 and 80.00 chs. for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at

479.35 ~~Intersect 4th 5th Parallel S. at the closing corner of~~ secs. 5 and 6, Tp. 21 S. Rg. 27 E. recently reestab. by me, as desc. in Book "H"

NOTE: ~~March 24~~ At this cor. I set off $1^{\circ} 25\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 38\frac{1}{2}'$ N.

From this cor. I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line South, bet. secs. 5 and 6

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

76.28 Set temp. cor. of secs. 5, 6, 7 and 8.

South, bet. secs. 7 and 8.

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

80.615 Set temp. cor. of secs. 7, 8, 17 and 18.

South, bet. secs. 17 and 18.

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

80.615 Set temp. cor. of secs. 17, 18, 19 and 20.

South, bet. secs. 19 and 20.

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

80.615 Set temp. cor. of secs. 19, 20, 29 and 30.

South, bet. secs. 29 and 30.

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

80.615 Set temp. cor. of secs. 29, 30, 31 and 32.

South, bet. secs. 31 and 32.

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

80.615 The cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. recently reestab. by me as desc. in Book "H"

March 24, 1913.

March 25¹⁹¹³ At 7h. 30m. a.m., l.m.t., I set off $31^{\circ} 34'$ N. on the lat. arc; $1^{\circ} 46'$ N. on the decl. arc; and determine a meridian with the solar at the ^{REESTAB.} cor. of secs. 26, 27, 34 and 35 ~~hereinbefore described~~

Thence I run

West, on a random line making careful search at proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at

321.26 Fall 74 lks ~~N. 0° 16' W.~~ of the cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp. which is an iron post ^{WITH BRASS CAP} firmly set marked and witnessed as described by the surveyor general. ~~The source of steel at this point is the same as that of the 321.26 chs.~~ (hence I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at at proportional distances on line.

N. $89^{\circ} 52'$ E. bet. secs. 30 and 31

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

80.19 Set temp. cor. of secs. 29, 30, 31 and 32.

N. $89^{\circ} 52'$ E. bet. secs. 29 and 32.

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

80.44 Set temp. cor. of secs. 28, 29, 32 and 33

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

- N. $89^{\circ} 52'$ E. bet. secs. 28 and 33.
 ✓ 40.12 Set temp. $\frac{1}{4}$ sec. cor.
 ✓ 80.24 Set temp. cor. of secs. 27, 28, 33 and 34.
-
- N. $89^{\circ} 52'$ E. bet. secs. 27 and 34.
 40.195 Set temp. $\frac{1}{4}$ sec. cor.
 80.39 ^{REESTAB.} The cor. of secs. 26, 27, 34 and 35, ~~hereinbefore described~~.
 NOTE: ~~At this cor.~~ At this cor. I set off $1^{\circ} 49\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 34'$ N..
-
- I go to the ^{REESTAB.} cor. of secs. 23, 24, 25 and 26 ~~hereinbefore described~~
 Thence I run
 West, on a random line making careful search at the proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success until at
 240.15 Stop work for the day.
- March 25, 1913.
 March 26, 1913, At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 35'$ N. on the lat. arc; $2^{\circ} 09\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at this temp. point
 Thence I continue my ^{RANDOM} line west making careful search at proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success until at
 400.80 Fall 35 lks. ^{S. 89° 57' E.} of the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp. which is an iron post ^{WITH BRASS CAP} firmly set, marked and witnessed as described by the surveyor general. ~~True course and dist. of this line is therefore S. 89° 57' E. 400.80 chs.~~
 Thence I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line.
 S. $89^{\circ} 57'$ E., bet. secs. 19 and 30
 40.17 Set temp. $\frac{1}{4}$ sec. cor.
 80.24 Set temp. cor. of secs. 19, 20, 29 and 30.
-
- S. $89^{\circ} 57'$ E., bet. secs. 20 and 29.
 39.995 Set temp. $\frac{1}{4}$ sec. cor.
 ✓ 79.99 Set temp. cor. of secs. 20, 21, 28 and 29.
-
- S. $89^{\circ} 57'$ E., bet. secs. 21 and 28
 39.97 Set temp. $\frac{1}{4}$ sec. cor.
 ✓ 79.94 Set temp. cor. of secs. 21, 22, 27 and 28.
-
- S. $89^{\circ} 57'$ E., bet. secs. 22 and 27.
 40.17 Set temp. $\frac{1}{4}$ sec. cor.
 ✓ 80.34 Set temp. cor. of secs. 22, 23, 26 and 27.
-
- S. $89^{\circ} 57'$ E., bet. secs. 23 and 26.
 40.145 Set temp. $\frac{1}{4}$ sec. cor.
 80.29 ^{REESTAB.} The cor. of secs. 23, 24, 25 and 26, ~~hereinbefore~~ described.
-
- old
 I go to the ~~cor.~~ ^{cor.} bet. secs. 14 and 23, ~~hereinbefore~~ described,
 Thence I run
 West, on a random line, making careful search at the proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success, until at
 361.84 Fall 54 lks. ^{S. 89° 55' E.} of the ^{old} cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp. which is an iron post ^{WITH BRASS CAP} firmly set, marked and witnessed as described by the surveyor general. ~~True course & dist. of this line is therefore S. 89° 55' E. 361.84 chs.~~
 Thence I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line.
 S. $89^{\circ} 55'$ E., bet. secs. 18 and 19.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.	
40.40	Set temp. $\frac{1}{4}$ sec. cor.
80.60	Set temp. cor. of secs. 17, 18, 19 and 20.
	S. $89^{\circ} 55'$ E. bet. secs. 17 and 20
40.20	Set temp. $\frac{1}{4}$ sec. cor.
80.40	Set temp. cor. of secs. 16, 17, 20 and 21.
	S. $89^{\circ} 55'$ E. bet. secs. 16 and 21.
40.12	Set temp. $\frac{1}{4}$ sec. cor.
80.24	Set temp. cor. of secs. 15, 16, 21 and 22.
	S. $89^{\circ} 55'$ E. bet. secs. 15 and 22
40.17 $\frac{1}{2}$	Set temp. $\frac{1}{4}$ sec. cor.
80.35	Set temp. cor. of secs. 14, 15, 22 and 23.
	S. $89^{\circ} 55'$ E., bet. secs. 14 and 23.
40.25	The old $\frac{1}{4}$ sec. cor., previously described.
	March 26, 1913.
	March 27 ¹⁹¹³ At 7h. 00m. a.m., l.m.t. I set off $31^{\circ} 37'$ N. on the lat. arc; $2^{\circ} 33'$ N. on the decl. arc; and determine a meridian with the solar at the REESTAB. cor. of secs. 10, 11, 14 and 15. previously described
	Thence I run
40.31	West, on a random line bet. secs. 10 and 15. Fall 9 lks. S. of old $\frac{1}{4}$ sec. cor. which is a stone, lying on a mound of earth, marked $\frac{1}{2}$ on upper face, with a trace of one pit. <i>True course & dist. of this $\frac{1}{2}$ mile is therefore S. $89^{\circ} 52'$ E., 40.31 chs.</i>
	I commence at this old $\frac{1}{4}$ sec. cor.
	Thence I run
	West, on a random line, making careful search at the proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success until at
280.91	Fall 98.1 lks. S. W. of the OLD cor. of secs. 7, 12, 13 and 18. on the W. bdy. of the Tp. which is an iron post WITH BRASS CAP firmly set, marked and witnessed as described by the surveyor general. <i>True course & dist. of this line is therefore S. $89^{\circ} 48'$ E., 280.91 chs.</i>
	Thence I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportional distances on line.
	S. $89^{\circ} 48'$ E., bet. secs. 7 and 18.
40.34	Set temp. $\frac{1}{4}$ sec. cor.
80.41	Set temp. cor. of secs. 7, 8, 17 and 18.
	S. $89^{\circ} 48'$ E., bet. secs. 8 and 17.
40.05 $\frac{1}{2}$	Set temp. $\frac{1}{4}$ sec. cor.
80.11	Set temp. cor. of secs. 8, 9, 16 and 17.
	S. $89^{\circ} 46'$ E., bet. secs. 9 and 16.
40.15 $\frac{1}{2}$	Set temp. $\frac{1}{4}$ sec. cor.
80.31	Set temp. cor. of secs. 9, 10, 15 and 16.
	S. $89^{\circ} 48'$ E., bet. secs. 10 and 15.
40.08	The old $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15, previously described.
NOTE:	March 27- At this cor. I set off $2^{\circ} 36\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 37'$ N.
	I go to the REESTAB. cor. of secs. 3, 4, 9 and 10, previously described.
	Thence I run

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.	
	West, on a random line making careful search at the proper distances for the old $\frac{1}{4}$ sec. and sec. cors. but without success until at
241.25	Fall 98 lks S. 0° 31' W. of the ^{OLD} cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the Tp. which is an iron post ^{WITH BRASS CAP} firmly set, marked and witnessed as described by the surveyor general. Thence I run setting temp. $\frac{1}{4}$ sec. and sec. cors. <i>True course & dist. of this line is therefore S. 89° 46' E., 241.25 chs.</i>
3.60	S. 89° 46' E. bet. secs. 6 and 7.
40.53	Set temp. $\frac{1}{4}$ sec. cor.
80.67	Set temp. cor. of secs. 5, 6, 7, and 8.
	—————
	S. 89° 46' E., bet. secs. 5 and 8
40.09	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Set temp. cor. of secs. 4, 5, 8 and 9.
	—————
	S. 89° 46' E., bet. secs. 4 and 9.
40.20	Set temp. $\frac{1}{4}$ sec. cor.
80.40	The ^{REESTAB.} cor. of secs. 3, 4, 9 and 10, hereinbefore described.
	March 27, 1913.
	—————
	March 28 ¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 35' N. on the lat. arc; 2° 56 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of Secs. 22, 23, 26 and 27 on the N. and S. line, thence I run W. 86 lks.; and from the temp. cor. of secs. 22, 23, 26 and 27 on the E. and W. line I run N. 64 lks. to point of intersection of the two lines where I
	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 22, 23, 26 and 27, marked on brass cap.
	T21SR27E in N. and
	1913 in S. half;
	S22 in N. W.
	S23 in N. E.
	S26 in S. E. and
	S27 in S. W. quadrant; and raise a mound of stone 2
	ft. base $\frac{1}{2}$ ft. high, W. of cor.. Pits impracticable..
	From this cor.
	W. A. Sheppard house bears S. 12° 15' W.
	G. S. Griffing House bears N. 1° 05' E., 5.25 chs.
	From this cor. I run
	S. 0° 40' E., bet. secs. 26 and 27. on true line.
	Over gently rolling land,
1.40	Cross fence bears E. and W. and over plowed land.
24.00	Cross fence bears E. and W. and leave plowed land.
25.40	Cross road bears N. E. and S. W., W. A. Sheppard's house bears W.
40.03 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S27 in W. S26 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base $\frac{1}{2}$ ft. high, W. of cor.
77.00	Cross road bears nearly E. and W.
80.07	The ^{REESTAB.} cor. of secs. 26, 27, 34 and 35. hereinbefore described
	Land, gently rolling.
	Soil, sandy loam, dry, medium texture; 1st. rate.
	No timber.
	—————
	reestab.
	I return to the cor. of secs. 22, 23, 26 and 27. hereinbefore described.
	Thence I run
	S. 89° 29' E., bet. secs. 23 and 26, on true line
	Over gently rolling land.
2.60	Cross road bears N. and S.
2.80	Cross fence bears N. and S. and over plowed land.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

- Chains.
- 40.14 1/2 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 1/4 sec. cor., marked on brass cap 1/4 S23 in N. and S26 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.
- 41.20 Cross fence bears N. E. and S. W., leave plowed land, and through dense brush.
- 50.40 Cross road bears N. E. and S. W.
- 80.29 The ^{REESTAB} cor. of secs. 23, 24, 25, and 26, **hereinbefore described** Land, gently rolling. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, chaparral and blackbrush.

I go to the temp. cor. of secs. 14, 15, 22 and 23 on the N. and S. line, thence I run E. 2 lks.; and from the temp. cor. of secs. 14, 15, 22 and 23 on the E. and W. line I run N. 5 lks. to point of intersection of the two lines Where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB} cor. of secs. 14, 15, 22 and 23, marked on brass cap

- T21SR27E in N. and 1913 in S. half;
- S15 in N. W.
- S14 in N. E.
- S23 in S. E. and

S22 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run S. 0° 35' W., bet. secs. 22 and 23, on true line. Over rolling land.

- 36.00 Cross road bears N. E. and S. W.
- 40.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 1/4 sec. cor., marked on brass cap 1/4 S22 in W. S23 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.
- 60.60 Cross road bears E. and W.
- 61.50 Cross fence bears E. and W.
- 80.06 The ^{REESTAB} cor. of secs. 22, 23, 26 and 27, **hereinbefore described** Land, gently rolling. Soil, sandy loam, dry, medium texture; 1st. rate. No timber.

March 28, 1913.

March 18, 1913;
From the ^{REESTAB} cor. of secs. 13, 14, 23 and 24 **hereinbefore described** I run, N. 88° 21' W., bet. secs. 14 and 23, on true line. Over gently rolling land,

- 2.00 Cross road bears N. and S.
- 40.41 The old 1/4 sec. cor. **hereinbefore described**, I destroy this old cor. and re-establish it in the same place as follows: 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 S14 in N. and S23 1913 in S. half; dig pits 18 x 18 x 22 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.

March 18, 1913.

- 40.25 March 28, 1913;
From this 1/4 sec. cor. I run N. 89° 51' W. bet. secs. 14 and 23 on true line on W. 1/2 mile. The ^{REESTAB} cor. of secs. 14, 15, 22 and 23, **hereinbefore described** Land, gently rolling. Soil, sandy loam, dry, medium texture; 1st. rate. No timber.

NOTE: March 23: At this cor. I set off 2° 59 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

	resulting lat. is $31^{\circ} 36'$ N.
	N. $0^{\circ} 04'$ W., bet. secs. 14 and 15, on true line. Over gently rolling land.
40.03	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 24 sec. cor., marked on brass cap $\frac{1}{4}$ S15 in W. S14 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
60.00	Enter dense brush.
80.06	The ^{REESTAB} cor. of secs. 10, 11, 14 and 15. hereinbefore described Land, gently rolling. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, chaparral and blackbrush.
	March 28, 1913.
	March 29 ¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 34'$ N. on the lat. arc; $3^{\circ} 19\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 27, 28, 33 and 34 on the N. and S. line, thence I run E. 40 lks.; and from the temp. cor. of secs. 27, 28, 33 and 34 on the E. and W. line I run S. 22 lks. to point of intersection of the two lines, where I Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB} cor. of secs. 27, 28, 33 and 34, marked on brass cap T21SR27E. in N. and 1913 in S. half; S28 in N. W. S27 in N. E. S34. in S. E. and S33 in S. W. quadrant; Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Thence I run S. $0^{\circ} 24'$ W. bet. secs. 33 and 34, on true line. Over gently rolling land, along road.
19.20	Road bears off to S. W.
40.19 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 24 sec. cor., marked on brass cap $\frac{1}{4}$ S33 in W. S34 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.39	The cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. recently reestab. by me as described in Book "H." Land, gently rolling. Soil, sandy loam, dry, medium texture; 1st. rate. No timber.
	<u>reestab.</u> I return to the cor. cor. of secs. 27, 28, 33 and 34. hereinbefore described Thence I run N. $89^{\circ} 43'$ E., bet. secs. 27 and 34, on true line. Over nearly level land, Cross fence bears N. and S.
0.10	
40.19 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB} 24 sec. cor., marked on brass cap $\frac{1}{4}$ S27 in N. and S34 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
42.60	Cross fence bears N. and S.
67.70	Cross road bears N. and S.
80.39	The ^{REESTAB} cor. of secs. 26, 27, 34 and 35. hereinbefore described

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.

I go to the temp. cor. of secs. 21, 22, 27 and 28 on the N. and S. line, thence I run 69 lks. W.; and from the temp. cor. of secs. 21, 22, 27 and 28 on the E. and W. line I run 47 lks. N. to point of intersection of the two lines where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 21, 22, 27 and 28, marked on

brass cap

T21SR27E in N. and

1913 in S. half;

S21 in N. W.

S22 in N. E.

S27 in S. E. and

S28 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run

S. $0^{\circ} 40'$ E., bet. secs. 27 and 28, on true line.

Over gently rolling land.

1.50 Cross road bears E. and W. and along N. and S. road.

9.20 Cross wash 15 lks. wide course S. W.

40.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S28 in W. S27 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

From this cor.

D. Benton house bears S. $4^{\circ} 00'$ W.

G. W. Benton house bears S. $51^{\circ} 15'$ E.

E. C. Cullen house bears N. $7^{\circ} 15'$ W. 12.50 chs.

80.40 The ^{REESTAB.} cor. of secs. 27, 28, 33 and 34. ~~hereinbefore~~ described

Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

From this cor.

D. Benton house bears N. $2^{\circ} 15'$ W.

G. W. Benton house bears N. $11^{\circ} 40'$ E.

M. Whiteker house bears S. $13^{\circ} 50'$ W. 2.80 chs. dist.

I return to the ^{REESTAB.} cor. of secs. 21, 22, 27 and 28. ~~hereinbefore~~ described

Thence I run

N. $89^{\circ} 56'$ E., bet. secs. 22 and 27, on true line.

Over gently rolling land.

1.50 Cross road bears N. E. and S. W.

40.17 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S22 in N. and S27 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

40.50 Cross fence bears N. and S.

64.00 Cross wash 20 lks. wide course S. W.

80.34 The ^{REESTAB.} cor. of secs. 22, 23, 26 and 27. ~~hereinbefore~~ described

Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

NOTE: ~~March 29~~ At this cor. I set off $3^{\circ} 23'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 35'$ N.

I go to the temp. cor. of secs. 15, 16, 21 and 22 on the N. and S. line, thence I run 13 lks. W.; and from the

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

- Chains.
- temp. cor. of secs. 15, 16, 21 and 22 on the E. and W. line
I run 19 lks. N. to point of intersection of the two lines
where I
Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for ^{REESTAB.} cor. of secs. 15, 16, 21 and 22, marked on
brass cap
T21SR27E in N. and
1913 in S. half;
S16 in N. W.
S15 in N. E.
S22 in S. E. and
S21 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
each sec. 5 ft. dist., and raise a mound of earth 4 ft.
base 2 ft. high, W. of cor.
From this cor. a windmill bears N. 80° 47' W.
From this cor. I run
S. 0° 31' W. bet. secs. 21 and 22, on true line.
Over level land, through dense brush.
- 40.19 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S21 in W.
S22 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins.
N. and S. of post 3 ft. dist., and raise a mound of earth
3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, W. of cor.
- 40.50 Leave brush.
- 80.39 The ^{REESTAB.} cor. of secs. 21, 22, 27 and 28. **hereinbefore described**
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, mesquite, greasewood and catclaw.
-
- I return to the ^{REESTAB.} cor. of secs. 15, 16, 21 and 22.
Thence I run **hereinbefore described**
S. 89° 49' E., bet. secs. 15 and 22, on true line.
Over gently rolling land, through scattering brush.
- 40.17 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S15 in N.
and S22 1913 in S. half; dig pits 18 x 18 x 12 ins. E.
and W. of post 3 ft. dist., and raise a mound of earth
3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.
- 80.35 The ^{REESTAB.} cor. of secs. 14, 15, 22 and 23. **hereinbefore described**
Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, mesquite, greasewood and blackbrush.
-
- I go to the temp. cor. of secs. 9, 10, 15 and 16 on the
N. and S. line, thence I run 53 lks. W.; and from the temp.
cor. of secs. 9, 10, 15 and 16 on the E. and W. line I
run 26 lks. N. to point of intersection of the two lines
where I
Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for ^{REESTAB.} cor. of secs. 9, 10, 15 and 16, marked on
brass cap
T21SR27E in N. and
1913 in S. half;
S9 in N. W.
S10 in N. E.
S15 in S. E. and
S16 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in
each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
base 2 ft. high, W. of cor.
Thence I run
S. 0° 10' E., bet. secs. 15 and 16, on true line.
Over gently rolling land, through dense brush.
- 40.19 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S16 in W.
S15 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

80.39 N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 The ^{REESTAB.} cor. of secs. 15, 16, 21 and 22. **hereinbefore described**
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, chaparral, greasewood and blackbrush.

40.08 I return to the ^{REESTAB.} cor. of secs. 9, 10, 15 and 16. **hereinbefore described**
 Thence I run
 S. $89^{\circ} 26'$ E. bet. secs. 10 and 15, on true line.
 Over gently rolling land, through dense brush.
 The old $\frac{1}{4}$ sec. cor., previously described. I destroy this cor. and re-establish it in the same place as follows:
 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 $\frac{1}{4}$ S10 in N. and S15 1913 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

40.31 Thence from $\frac{1}{4}$ sec. cor. I run
 S. $89^{\circ} 52'$ E. on true line, bet. secs. 10 & 15 on E. $\frac{1}{2}$ mile.
 The ^{REESTAB.} cor. of secs. 10, 11, 14 and 15. **hereinbefore described**
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, chaparral, greasewood and blackbrush.

March 29, 1913.

April 1, 1913. At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 37\frac{1}{2}'$ N. on the lat. arc; $4^{\circ} 29\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the ^{REESTAB.} cor. of secs. 3, 4, 9 and 10, **hereinbefore described**.

21.20 Thence I run
 S. $0^{\circ} 30'$ W., bet. secs. 9 and 10 on true line.
 Over rolling land, through dense brush.
 Cross road bears N. E. and S. W.

40.19 ^{REESTAB.} 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 $\frac{1}{4}$ S9 in W. S10 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

80.39 The ^{REESTAB.} cor. of secs. 9, 10, 15 and 16. **hereinbefore described**
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, chaparral and blackbrush.

39.875 I return to the reestab. cor. of secs. 2, 3, 10 and 11 and run West on random line, bet. secs. 3 & 10.
 Make careful search but am unable to find any trace of old $\frac{1}{4}$ sec. cor.

82.17 Fall of 1913. So of reestab. cor. of secs. 3, 4, 9 and 10, **hereinbefore described**
 Thence I run

13.00 S. $89^{\circ} 29'$ E., bet. secs. 3 and 10, on true line.
 Over gently rolling land, through dense brush.
 Cross road bears N. E. and S. W.

41.08 ^{REESTAB.} 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 $\frac{1}{4}$ S3 in N. and S10 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

82.17 The ^{REESTAB.} cor. of secs. 2, 3, 10 and 11. **hereinbefore described**
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, Chaparral, greasewood and blackbrush.

April 1, 1913.

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

- Chains
- March 21, 1913;
From the ^{REESTAB.} cor. of secs. 3, 4, 9 and 10, ~~hereinbefore~~ described, I run
North, bet. secs. 3 and 4, on random line.
- 40.00 Make careful search but am unable to find any trace of the old $\frac{1}{4}$ sec. cor.
- 75.38 ~~Intersect with Std. Paralle. 5, 13 lks. N. 89° 45' W. of the closing cor. of secs. 3 and 4, Tp. 21 S. Rg. 27 E. recently reestab. by me, as desc. in Book "G."~~
Thence I run
S. 0° 06' W. bet. secs. 3 and 4, on true line.
Over gently rolling land, through dense brush.
- 35.12 Set an iron post 3 ft. long; 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in W. S3 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor. NOTE: Location of this $\frac{1}{4}$ sec. cor. determined by proportion 7490:7538::3490:X=35.12
- 75.38 The ^{REESTAB.} cor. of secs. 3, 4, 9 and 10, ~~hereinbefore~~ described.
Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
Undergrowth, greasewood, chaparral and blackbrush.
- March 21, 1913.
-
- March 31, 1913; At 7h. 00m. a.m., 1.m.t., I set off 31° 34' N. on the lat. arc; 4° 06' W. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 28, 29, 32 and 33 on the N. and S. line, thence I run 63 lks. E.; and from the temp. cor. of secs. 28, 29, 32 and 33 on the E. and W. line I run S. 4 lks. to point of intersection of the two lines where I
Set an iron post 3 ft. long; 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 28, 29, 32 and 33, marked on brass cap
T21SR27E in N. and
1913 in S. half;
S29 in N. W.
S28 in N. E.
S33 in S. E. and
S32 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
From this cor. W. H. Murphy house bears N. 4° 15' W.
Thence I run
S. 0° 31' W., bet. secs. 32 and 33, on true line.
Over level land.
- 15.18 Cross fence bears E. and W.
- 40.26¹ Set an iron post 3 ft. long; 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S32 in W. S33 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.53 The cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. recently reestab. by me, as desc. in Book "H."
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.
-
- I return to the ^{REESTAB.} cor. of secs. 28, 29, 32 and 33 ~~hereinbefore~~ described
Thence I run
East, bet. secs. 28 and 33, on true line.
Over level land.
- 00.20 Cross fence bears N. and S.
- 40.12 Set an iron post 3 ft. long; 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in N. and S33 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains

79.50 3 1/2 ft. base 1 1/2 ft. high, N. of cor.
 Cross fence bears N. and S.
 80.10 Cross road bears N. and S.
 80.24 The ^{REESTAB.} cor. of secs. 27, 28, 33 and 34. **hereinbefore described**
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I go to the temp. cor. of secs. 20, 21, 28 and 29 on the N. and S. line, thence I run 14 lks. W.; and from the temp. cor. of secs. 20, 21, 28 and 29 on the E. and W. line I run 56 lks. N. to point of intersection of the two lines, where I
 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 20, 21, 28 and 29, marked on brass cap
 T21SR27E in N. and
 1913 in S. half;
 S20 in N. W.
 S21 in N. E.
 S28 in S. E. and
 S29 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 From this cor.

W. H. Murphy house bears S. 7° 00' W.
 T. A. Carr house bears N. 26° 33' W., 4.20 chs. dist.

From this cor. I run
 S. 0° 29' E. bet. secs. 28 and 29, on true line.
 Over level land.

1.65 Cross fence bears E. and W.
 40.26 1/2 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap 1/2 S29 in W. S28 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.

80.53 The ^{REESTAB.} cor. of secs. 28, 29, 32 and 33. **hereinbefore described**
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I return to the ^{REESTAB.} cor. of secs. 20, 21, 28 and 29. **hereinbefore described**
 Thence I run
 S. 89° 53' E. bet. secs. 21 and 28. on true line.
 Over level land.

39.97 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap 1/2 S21 in N. and S28 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.

78.50 Cross road bears N. W. and S. E.
 79.94 The ^{REESTAB.} cor. of secs. 21, 22, 27 and 28. **hereinbefore described**
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

NOTE: ~~At this cor.~~ At this cor. I set off 4° 09 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 35' N.

I go to the temp. cor. of secs. 16, 17, 20 and 21 on the N. and S. line, thence I run 16 lks. E.; and from the temp. cor. of secs. 16, 17, 20 and 21 on the E. and W. line I run 35 lks. N. to point of intersection of the two lines, where I
 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

- ground for ^{REESTAB.} cor. of secs. 16, 17, 20 and 21, marked on brass cap
 T21SR27E in N. and
 1913 in S. half;
 S17 in N. W.
 S16 in N. E.
 S21 in S. E. and
 S20 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 From this cor. windmill bears N. 57° 20' E.
 From this cor. I run
 S. 0° 17' W. bet. secs. 20 and 21, on true line.
 Over level land.
- 40.26½ Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap S20 in W. and S21 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.
- 73.40 Cross road bears N. W. and S. E.
- 80.53 The ^{REESTAB.} cor. of secs. 20, 21, 28 and 29. ~~hereinbefore described~~
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
-
- I return to the ^{REESTAB.} cor. of secs. 16, 17, 20 and 21.
 Thence I run ~~hereinbefore described~~
 S. 89° 48' E., bet. secs. 16 and 21, on true line.
 Over gently rolling land.
- 23.48 Cross road bears N. W. and S. E.
- 38.53 Cross road bears N. W. and S. E.
- 40.12 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap S16 in N. and S21 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.
- 80.24 The ^{REESTAB.} cor. of secs. 15, 16, 21 and 22. ~~hereinbefore described~~
 Land, gently rolling.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
-
- I go to the temp. cor. of secs. 8, 9, 16 and 17 On the N. and S. line, thence I run 24 lks. W.; and from the temp. cor. of secs. 8, 9, 16 and 17 on the E. and W. line I run 42 lks. N. to point of intersection of the two lines, where I
 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 8, 9, 16 and 17, marked on brass cap
 T21SR27E in N. and
 1913 in S. half;
 S8 in N. W.
 S9 in N. E.
 S16 in S. E. and
 S17 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Thence I run
 S. 0° 13' E., bet. secs. 16 and 17. on true line.
 Over gently rolling land.
- 40.26½ Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap S17 in W. S16 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.
- 42.48 Cross road bears N. W. and S. E.
- 50.80 Cross road bears N. W. and S. E.
- 80.53 The ^{REESTAB.} cor. of secs. 16, 17, 20 and 21.

Resurvey of Subdivision Lines of Tp. 21 S. Rg. 27 E.

Chains.

Land, gently rolling.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.

I return to the ^{REESTAB.} cor. of secs. 8, 9, 16 and 17. ^{hereinbefore described}
Thence I run

S. 89° 41' E. bet. secs. 9 and 16, on true line.

6.00 Cross road bears N. W. and S. E.

40.15 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S9 in N. and S16 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.

42.00 Enter dense brush.

44.25 Cross road bears N. E. and S. W.

80.31 The ^{REESTAB.} cor. of secs. 9, 10, 15 and 16, ^{hereinbefore described}.

Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood, chaparral and blackbrush.

March 31, 1913.

April 1, 1913;

I go to the temp. cor. of secs. 4, 5, 8 and 9 on the N. and S. line, thence I run 20 lks. E.; and from the temp. cor. of secs. 4, 5, 8 and 9 on the E. and W. line I run 30 lks. N. to point of intersection of the two lines, where I e.

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 4, 5, 8 and 9, marked on brass cap

T21SR27E in N. and

1913 in S. half;

S5 in N. W.

S4 in N. E.

S9 in S. E. and

S8 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

NOTE: ~~At this cor. I set off 4° 33' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 37 $\frac{1}{2}$ ' N.~~

From this cor. I run

S. 0° 23' W., bet. secs. 8 and 9, on true line.

Over gently rolling land, through dense brush.

23.25 Leave brush.

36.15 Cross road bears N. W. and S. E.

40.265 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S8 in W. and S9 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

80.53 The ^{REESTAB.} cor. of secs. 8, 9, 16 and 17, ^{hereinbefore described}

Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, chaparral and blackbrush.

I return to the ^{REESTAB.} cor. of secs. 4, 5, 8 and 9 ^{hereinbefore described}
Thence I run

S. 89° 33' E., bet. secs. 4 and 9, on true line.

Over gently rolling land, through dense brush.

40.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S4 in N.

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

and S9 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.40 The ^{REESTAB.} cor. of secs. 3, 4, 9 and 10. ~~hereinbefore~~ described Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate. No timber.

Undergrowth, chaparral, blackbrush and mesquite.

I return to the ^{REESTAB.} cor. of secs. 4, 5, 8 and 9.

Thence I run

N. $0^{\circ} 05'$ W., bet. secs. 4 and 5, on true line.

Over gently rolling land, through dense brush.

40.27 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in W.

S4 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

75.50 The closing cor. of secs. 4 and 5, Tp. 21 S. Rg. 27 E., on

~~4th Std. Parallel S. recently reestab. by me as described in Book "G"~~

Land, gently rolling.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, chaparral, blackbrush and mesquite.

April 1, 1913.

April 2¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 34'$ N. on the lat. arc; $4^{\circ} 52\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 29, 30, 31 and 32 on the N. and S. line, thence I run 75 lks. E.; and from the temp. cor. of secs. 29, 30, 31 and 32 on the E. and W. line, I run 5 lks. N. to point of intersection of the two lines, where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 29, 30, 31 and 32, marked on brass cap

T2LSR27E in N. and

1913 in S. half;

S30 in N. W.

S29 in N. E.

S32 in S. E. and

S31 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in

each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run

S. $0^{\circ} 32'$ W., bet. secs. 31 and 32, on true line.

Over level land.

40.30 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S31 in W.

S32 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

80.615 The cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. recently reestab. by me, as descri^{bed} in Book "H."

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

I return to the ^{REESTAB.} cor. of secs. 29, 30, 31 and 32.

Thence I run

N. $89^{\circ} 56'$ E., bet. secs. 29 and 32 on true line.

Over level land,

hereinbefore described

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

40.22 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S29 in N. and S32 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

41.20 Cross fence bears N. and S.

80.44 The ^{REESTAB.} cor. of secs. 28, 29, 32 and 33, ~~hereinbefore~~ described.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

I return to the ^{REESTAB.} cor. of secs. 29, 30, 31 and 32, ~~hereinbefore~~ described
Thence I run

S. $89^{\circ} 50'$ W., bet. secs. 30 and 31, on true line,

Over level land.

40.17 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S30 in N. and S31 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

41.00 Cross was 40 lks. wide course S. W.

80.19 The ^{OLD} cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the

~~Tp. ^{REESTAB.} cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the~~ *General*

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

I go to the temp. cor. of secs. 19, 20, 29 and 30 on the N. and S. line, thence I run 52 lks. E.; and from the temp. cor. of secs. 19, 20, 29 and 30 on the E. and W. line I run 48 lks. N. to point of intersection of the two lines, where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 19, 20, 29 and 30, marked on brass cap

T21SR27E in N. and

1913 in S. half;

S19 in N. W.

S20 in N. E.

S29 in S. E. and

S30 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run

S. $0^{\circ} 10'$ E., bet. secs. 29 and 30, on true line.

Over level land.

40.31 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S30 in W. S29 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

63.90 Cross wash 40 lks. wide course S. W.

80.615 The ^{REESTAB.} cor. of secs. 29, 30, 31 and 32, ~~hereinbefore~~ described.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

NOTE: April 2. At this cor. I set off $4^{\circ} 56'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 34'$ N.

I return to the ^{REESTAB.} cor. of secs. 19, 20, 29 and 30, ~~hereinbefore~~ described
Thence I run

East, bet. secs. 20 and 29, on true line.

Over level land.

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains

39.995 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ~~1/4~~ sec. cor., marked on brass cap $\frac{1}{4}$ S20 in N. and S29 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

40.20 Cross fence bears N. and S.

79.78 Cross fence bears N. and S.

79.99 The ^{REESTAB.} cor. of secs. 20, 21, 28 and 29, **hereinbefore** described
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.

I return to the ^{REESTAB.} cor. of secs. 19, 20, 29 and 30.
Thence I run **hereinbefore** described
S. $89^{\circ} 42'$ W., bet. secs. 19 and 30, on true line.

Over level land,

40.07 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ~~1/4~~ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in N. and S30 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.24 The cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp., *an iron post with brass cap marked & witnessed as described by the Surveyor General.*
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.

I go to the temp. cor. of secs. 17, 18, 19 and 20 on the N. and S. line, thence I run 47 lks. E.; and from the temp. cor. of secs. 17, 18, 19 and 20 on the E. and W. line I run 23 lks. N. to point of intersection of the two lines, where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 17, 18, 19 and 20, marked on brass cap

T21SR27E in N. and

1913 in S. half;

S18 in N. W.

S17 in N. E.

S20 in S. E. and

S19 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run

S. $0^{\circ} 02'$ E., bet. secs. 19 and 20, on true line.

Over level land,

40.31 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ~~1/4~~ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in W. S20 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

45.50 Cross road bears N. W. and S. E.

80.615 The ^{REESTAB.} cor. of secs. 19, 20, 29 and 30, **hereinbefore** described.
Land, level.
Soil, sandy loam, dry, medium texture; 1st. rate.
No timber.

I return to the ^{REESTAB.} cor. of secs. 17, 18, 19 and 20.
Thence I run **hereinbefore** described

East, bet. secs. 17 and 20, on true line.

Over level land.

40.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ~~1/4~~ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in N. and S20 1913 in S. half; dig pits 18 x 18 x 12 ins. E.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 80.40 The ^{REESTAB.} cor. of secs. 16, 17, 20 and 21. ^{REESTAB.} hereinbefore described
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

April 2, 1913.

April 3¹⁹¹³ At 7h. 00m. a.m., 1.m.t., I set off $31^{\circ} 36'$ N. on the lat. arc; $5^{\circ} 15\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the ^{REESTAB.} cor. of secs. 17, 18, 19 and 20. ^{REESTAB.} hereinbefore described

Thence I run
 S. $89^{\circ} 55'$ W., bet. secs. 18 and 19, on true line.
 Over level land.
 40.20 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S18 in N. and S19 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.60 The cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp., *an iron post, with brass cap, marked & witnessed as described by the Surveyor General.*
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I go to the temp. cor. of secs. 7, 8, 17 and 18 on the N. and S. line; thence I run 35 lks. E.; and from the temp. cor. of secs. 7, 8, 17 and 18 on the E. and W. line I run 33 lks. N. to point of intersection of the two lines, where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 7, 8, 17 and 18, marked on brass cap

T21SR27E in N. and
 1913 in S. half;
 S7 in N. W.
 S8 in N. E.
 S17 in S. E. and

S18 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run
 S. $0^{\circ} 05'$ E., bet. secs. 17 and 18, on true line.
 Over level land.
 40.31 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S18 in W. S17 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

80.615 The ^{REESTAB.} cor. of secs. 17, 18, 19 and 20. ^{REESTAB.} hereinbefore described
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I return to the ^{REESTAB.} cor. of secs. 7, 8, 17, and 18. ^{REESTAB.} hereinbefore described

Thence I run
 S. $89^{\circ} 52'$ E., bet. secs. 8 and 17, on true line.
 Over level land.

20.45 Cross road bears N. W. and S. E.
 40.055 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap $\frac{1}{4}$ S8 in N. and S17 1913 in S. half; dig pits 18 x 18 x 12 ins. E.

BOOK 2659

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.

80.11 and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.
^{REESTAB.} The cor. of secs. 8, 9, 16 and 17. *hereinbefore described*
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I return to the ^{REESTAB.} cor. of secs. 7, 8, 17 and 18. *hereinbefore described*
 Thence I run
 S. 89° 58' W., bet. secs. 7 and 18, on true line.

40.07 Over level land.
 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap ½S7 in N. and S18 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.

80.41 The cor. of secs. 7, 12, 13 and 18 on the W. bdy. of the Tp., *an iron post, with brass cap, marked & witnessed as described by the Surveyor General.*
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I go to the temp. cor. of secs. 5, 6, 7 and 8 on the N. and S. line, thence I run 70 lks. E.; and from the temp. cor. of secs. 5, 6, 7 and 8 on the E. and W. line I run 22 lks. N. to point of intersection of the two lines, where I

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for ^{REESTAB.} cor. of secs. 5, 6, 7 and 8, marked on brass cap

T21SR27E in N. and
 1913 in S. half;

S6 in N. W.

S5 in N. E.

S8 in S. E. and

S7 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

NOTE: ~~At this cor.~~ At this cor. I set off 5° 19' N. on the decl. arc; and observe the sun on the meridian at noon the resulting lat. is 31° 37½' N.

Thence I run
 S. 0° 15' W., bet. secs. 7 and 8, on true line.
 Over level land.

40.31 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap ½S7 in W. S8 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.

53.60 Cross road bears N. W. and S. E.

80.615 ^{REESTAB.} The cor. of secs. 7, 8, 17 and 18. *hereinbefore described*
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

I return to the ^{REESTAB.} cor. of secs. 5, 6, 7 and 8 *hereinbefore described*
 Thence I run
 S. 89° 49' E., bet. secs. 5 and 8, on true line.
 Over level land.

33.60 Cross road bears N. W. and S. E.

40.09 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} sec. cor., marked on brass cap ½S5 in N. and S8 1913 in S. half; dig pits 18 x 18 x 12 ins. E.

Resurvey of Subdivision lines of Tp. 21 S. Rg. 27 E.

Chains.	
	and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.
45.00	Enter dense brush.
72.70	Cross road bears N. W. and S. E.
80.18	The ^{REESTAB.} cor. of secs. 4, 5, 8 and 9 hereinbefore described Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, chaparral, blackbrush and mesquite.
	<hr/>
	I return to the ^{REESTAB.} cor. of secs. 5, 6, 7, and 8 hereinbefore described Thence I run N. 89° 55' W., bet. secs. 6 and 7, on true line. Over level land.
10.00	Enter scattering brush.
40.14	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ¼ sec. cor., marked on brass cap ½ S6 in N. and S7 1913 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.
47.00	Cross road bears N. W. and S. E.
80.67	The cor. of secs. 1, 6, 7, and 12 on the W. bdy. of the Tp., <i>an iron post, with brass cap, marked & witnessed as described by the Surveyor-General.</i> Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, mesquite.
	<hr/>
	I return to the ^{REESTAB.} cor. of secs. 5, 6, 7 and 8 hereinbefore described Thence I run N. 0° 31' W., bet. secs. 5 and 6, on true line. Over level land.
36.60	Enter dense brush.
40.31	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{REESTAB.} ¼ sec. cor., marked on brass cap ½ S6 in W. S5 in E. and 1913 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.
76.28	The closing cor. of secs. 5 and 6 Tp. 21 S. Rg. 27 E., <i>on 4th STD. PARALLEL SOUTH, RECENTLY REESTAB. BY ME AS DESCRIBED IN BOOK "G"</i> Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, chaparral and blackbrush.

April 3, 1913.

GENERAL DESCRIPTION.

This township is level and the soil is generally a very rich sandy loam of unknown depth. There is no water or timber in the township. There is one settler in sec. 24 two in sec. 23, two in sec. 27, two in sec. 28, one in sec. 29, one in sec. 20 and one in sec. 33.

John P. Hesse
U. S. Surveyor.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, John F. Hesse, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of the subdivision lines of Tp. 21 S. Rg. 27 E.

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

which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Table with 3 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), and CAPACITY. Rows include G. E. Lang (Chainman), F. E. Ayers (Chainman), B. S. Jackson (Assman), C. E. Keckey (Chainman), J. S. Hughes (Flagman), and C. L. Hamlett (Cornerman).

Subscribed and certified to before me on the dates of the final service as shown above.

John F. Hesse U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, John F. Hesse, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona, for Group 18 bearing date of the 22nd day of May, 1912, 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 Tp. 21 S. Rg. 27 E.

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear 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 Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

John F. Hesse
U. S. Surveyor.

Subscribed by said John F. Hesse, and sworn to before me this 11th day of May, 1914



Frank S. Ingalls
Surveyor General of Arizona.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona July 21, 1914

The foregoing field notes of the survey of the

Subdivision lines of Township N° 21 South, Range N° 27 East of the Gila and Salt River Base and Meridian, Arizona.

executed by John F. Hesse, U.S. Surveyor under his special instructions dated May 22nd, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys they describe, are hereby approved.

Frank S. Ingalls
U. S. Surveyor General of Arizona

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.