

JAN 31 1914

BOOK "T"
BOOK 2670

FIELD NOTES BOOK 2670

OF THE ~~SURVEY OF THE~~
RESURVEY OF

The Subdivision Lines of Tp. 22 S. Rg. 26 E.

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

EXECUTED BY

John E. Hesse

In the capacity of U. S. Surveyor, under instructions dated April 3rd, 1913,
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, April 23rd, 1913, pursuant to authority contained in the Act of
Congress dated August 23rd, 1912 and June 23rd, 1913.

Re Survey commenced June 22, 1913

Re Survey completed July 16, 1913

BOOK 2670

INDEX DIAGRAM.

Township f , Range x

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

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

RESurvey commenced June 22, 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.

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 cor. of secs. 15, 16, 21 and 22, T. 22 S., R. 26 E.; latitude $31^{\circ} 30\frac{1}{2}'$ N., longitude $109^{\circ} 43' 02''$ W.; I set off $31^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $23^{\circ} 28'$ N. on the decl. arc; and, at 5h. 00m. 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 chains N. of my station.

June 22, 1913.

June 23¹⁹¹³ At 1h. 28m. a.m., by my watch, which has correct l.m.t., I observe Polaris at eastern 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.

At 6h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 22'$ to the west, and mark the meridian thus determined, by cutting a small groove in the stone set June 22, on which the meridian falls 0.4 ins. east of the mark determined by the solar.

At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $23^{\circ} 27\frac{1}{2}'$ N. 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 falls 0.4 ins. east of the meridian established by the Polaris observations.

The solar apparatus by p.m. and a.m. observations, defines positions for meridians, respectively about $0' 21''$ west and east of 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. 10m. a.m., is N. $13^{\circ} 35'$ W., the angle thus determined gives the magnetic decl. $13^{\circ} 35'$ E.

I commence at the cor. of secs. 1, 2, 35 and 36 on the south boundary of the township, recently re-estab. by me as described in Book "S", 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

483.32

Intersect the N. bdy. of the Tp. 83 lks. W. of the cor. of secs. 1, 2, 35 and 36. which is an iron post^{with brass cap.} marked and witnessed as described by the surveyor general.

NOTE:

June 23: At this cor. I set off $23^{\circ} 26\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 33\frac{1}{2}'$ N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

479.15	:	483.32	::	80.00	:	x	:	80.696
479.15	:	483.32	::	79.15	:	x	:	79.84
79.15	:	79.84	::	40.00	:	x	:	40.35
79.15	:	79.84	::	39.15	:	x	:	39.49

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp. I run

S. $0^{\circ} 06'$ W. setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

39.49

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

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

chains.

40.35 thence from $\frac{1}{4}$ sec. cor.
Set temp. cor. of secs. 1, 2, 11 and 12.

40.35 S. $0^{\circ} 06'$ W. bet. secs. 11 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
80.696 Set temp. cor. of secs. 11, 12, 13 and 14.

40.35 S. $0^{\circ} 06'$ W. bet. secs. 13 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
80.696 Set temp. cor. of secs. 13, 14, 23 and 24.

40.35 S. $0^{\circ} 06'$ W. bet. secs. 23 and 24.
Set temp. $\frac{1}{4}$ sec. cor.
80.696 Set temp. cor. of secs. 23, 24, 25 and 26

40.35 S. $0^{\circ} 06'$ W. bet. secs. 25 and 26.
Set temp. $\frac{1}{4}$ sec. cor.
80.696 Set temp. cor. of secs. 25, 26, 35 and 36.

40.35 S. $0^{\circ} 06'$ W. bet. secs. 35 and 36.
Set temp. $\frac{1}{4}$ sec. cor.
80.696 The cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp. recently re-established by me as described in Book "5".

June 23, 1913.

483.06 June 24¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 28'$ N. on the lat. arc; $23^{\circ} 27'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34, and 35 on the S. bdy. of the Tp. recently re-estab. by me as described in Book "5". 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

NOTE: June 24: At this cor. I set off $23^{\circ} 25\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 33\frac{1}{2}'$ N.

I figure the proportionate distances for position of temp. cors. along this line as follows:

479.10	:	483.06	::	80.00	:	X	80.66
479.10	:	483.06	::	79.10	:	x	79.75
79.10	:	79.75	::	40.00	:	x	40.33
79.10	:	79.75	::	39.10	:	x	39.42

From the cor. of secs. 2, 3, 34, and 35 on the N. bdy. of the Tp. I run

S. $0^{\circ} 12'$ W. setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

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

40.35 Thence from $\frac{1}{4}$ sec. cor.
Set temp. cor. of secs. 2, 3, 10 and 11.

40.33 S. $0^{\circ} 12'$ W. bet. secs. 10 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
80.66 Set temp. cor. of secs. 10, 11, 14 and 15.

40.33 S. $0^{\circ} 12'$ W. bet. secs. 14 and 15.
Set temp. $\frac{1}{4}$ sec. cor.
80.66 Set temp. cor. of secs. 14, 15, 22 and 23.

Resurvey of the subdivision line s of T. 22. S. R. 26 E.

Chains.	S. 0° 12' W. bet. secs. 22 and 23.																																
40.33	Set temp. $\frac{1}{4}$ sec. cor.																																
80.66	Set temp. cor. of secs. 22, 23, 26 and 27.																																

	S. 0° 12' W. bet. secs. 26 and 27.																																
40.33	Set temp. $\frac{1}{4}$ sec. cor.																																
80.66	Set temp. cor. of secs. 26, 27, 34 and 35.																																

	S. 0° 12' W. bet. secs. 34 and 35.																																
40.33	Set temp. $\frac{1}{4}$ sec. cor.																																
80.66	The cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., recently reestab. by me as described in Book "S".																																
June 24, 1913.																																	

	June 25 ¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 28' N. on the lat. arc; 23° 25 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., recently reestab. by me as described in Book "S". 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																																
482.42	Intersect the N. bdy. of the Tp. 219 lks. W. of the cor. of secs. 3, 4, 33 and 34, which is an iron post ^{with brass cap} marked and witnessed as described by the surveyor general.																																
June 25, 1913.																																	

	June 26 ¹⁹¹³ At 7h. 00m. am., l.m.t., I set off 31° 35 $\frac{1}{2}$ ' N. on the lat. arc; 23° 24' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp., an iron post with brass cap, marked and witnessed as described by the Surveyor General.																																
	I figure the proportionate distances for positions of temp. cors. along this line as follows:																																
	<table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">479.40</td> <td style="padding-right: 10px;">:</td> <td style="padding-right: 10px;">482.42</td> <td style="padding-right: 10px;">::</td> <td style="padding-right: 10px;">80.00</td> <td style="padding-right: 10px;">:</td> <td style="padding-right: 10px;">x</td> <td style="padding-right: 10px;">80.504</td> </tr> <tr> <td>479.40</td> <td>:</td> <td>482.42</td> <td>::</td> <td>79.40</td> <td>:</td> <td>x</td> <td>79.90</td> </tr> <tr> <td>79.40</td> <td>:</td> <td>79.90</td> <td>::</td> <td>40.00</td> <td>:</td> <td>x</td> <td>40.25</td> </tr> <tr> <td>79.40</td> <td>:</td> <td>79.90</td> <td>::</td> <td>39.40</td> <td>:</td> <td>x</td> <td>39.65</td> </tr> </table>	479.40	:	482.42	::	80.00	:	x	80.504	479.40	:	482.42	::	79.40	:	x	79.90	79.40	:	79.90	::	40.00	:	x	40.25	79.40	:	79.90	::	39.40	:	x	39.65
479.40	:	482.42	::	80.00	:	x	80.504																										
479.40	:	482.42	::	79.40	:	x	79.90																										
79.40	:	79.90	::	40.00	:	x	40.25																										
79.40	:	79.90	::	39.40	:	x	39.65																										
	From the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp. I run																																
	S. 0° 16' W., bet. secs. 3 and 4 setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:																																
39.65	Set temp. $\frac{1}{4}$ sec. cor.																																
	Thence from $\frac{1}{4}$ sec. cor.																																
40.25	Set temp. cor. of secs. 3, 4, 9, and 10.																																

	S. 0° 16' W., bet. secs. 9 and 10.																																
40.25	Set temp. $\frac{1}{4}$ sec. cor.																																
80.504	Set temp. cor. of secs. 9, 10, 15, and 16.																																

	S. 0° 16' W., bet. secs. 15 and 16.																																
40.25	Set temp. $\frac{1}{4}$ sec. cor.																																
80.504	Set temp. cor. of secs. 15, 16, 21 and 22.																																
	NOTE: June 26: At this cor. I set off 23° 22 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30 $\frac{1}{2}$ ' N.																																

	S. 0° 16' W. bet. secs. 21 and 22.																																
40.25	Set temp. $\frac{1}{4}$ sec. cor.																																
80.504	Set temp. cor. of secs. 21, 22, 27 and 28.																																

	S. 0° 16' W. bet. secs. 27 and 28.																																
40.25	Set temp. $\frac{1}{4}$ sec. cor.																																

Resurvey of the subdivision lines of Tp. 22 S. R. 26 E.

Chains.
80.504

Set temp. cor. of secs. 27, 28, 33 and 34.

40.25
80.504

S. 0° 16' W. bet. secs. 33 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
The cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., recently re-estab. by me as described in Book "5"

June 26, 1913.

242.00

June 27¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 28' N. on the lat. arc; 23° 21 $\frac{1}{2}$ ' 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 re-estab. by me as described in Book "5". 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 Fall 72 lks. W. of old cor. of secs. 16, 17, 20 and 21, a stake firmly set in the ground, marked 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 2 ins. diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap, 1913;

- T22SR26E in N. half;
- S17 in N. W.
- S16 in N. E.
- S21 in S. W. and
- S20 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., At 7h. 00m. a.m., l.m.t., I set off 23° 20 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30 $\frac{1}{2}$ ' N. I figure the proportionate distances for positions of temp. cors. along this line as follows:

$$240.00 : 242.00 :: 80.00 : x \quad 80.667$$

From the cor. of secs. 16, 17, 20 and 21 I run S. 0° 10' W. setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

40.33
80.667

Set temp. $\frac{1}{4}$ sec. cor.
Set temp. cor. of secs. 20, 21, 28 and 29.

40.33
80.667

S. 0° 10' W. bet. secs. 28 and 29.
Set temp. $\frac{1}{4}$ sec. cor.
Set temp. cor. of secs. 28, 29, 32 and 33.

40.33
80.667

S. 0° 10' W. bet. secs. 32 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
The cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., recently re-estab. by me as described in Book "5".

June 27, 1913.

40.00

June 28¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 30 $\frac{1}{2}$ ' N. on the lat. arc; 23° 19' N. on the decl. arc; and determine a meridian with the solar at the ^{re-estab.} cor. of secs. 16, 17, 20 and 21, hereinbefore described.

Thence I run

79.73

North, on a random line, bet. secs. 16 and 17
Make careful search but am unable to find any trace of the old $\frac{1}{4}$ sec. cor.
The old cor. of secs. 8, 9, 16 and 17, a stake firmly set in the ground, marked as described by the surveyor general, I destroy this old cor. and reestablish it in the same place as follows:

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap: 1913;

T22SR26E in N. 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. $5\frac{1}{2}$ ft. dist, and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

From this cor., I now run

South, on a true line, bet. secs. 16 and 17

Over level land through dense brush.

26.35

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

39.86

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{re-estab.} $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S17 in W. and S16 in E. 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.

41.40

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

60.10

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

62.50

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

64.05

Cross fence bears N. W. and S. E.

70.70

Leave brush.

79.73

The ^{re-estab.} cor. of secs. 16, 17, 20 and 21, ~~hereinbefore~~ described.

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite.

I commence at the ^{re-estab.} cor. of secs. 8, 9, 16 and 17, ~~hereinbefore~~ described

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

160.86

Intersect the N. bdy. of the Tp. 18 lks. W. of the cor. of secs. 4, 5, 32 and 33, which is an iron post ^{with brass cap} marked and witnessed as described by the surveyor general.

NOTE:

At this cor. I set off $23^{\circ} 18'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 33\frac{1}{2}'$ N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

159.00	:	160.86	::	80.00	:	x		80.936
159.00	:	160.86	::	79.00	:	x		79.92
79.00	:	79.92	::	40.00	:	x		40.47
79.00	:	79.92	::	39.00	:	x		39.45

From the cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the Tp. I run

S. $0^{\circ} 04'$ W. setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

39.45

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

Thence from $\frac{1}{4}$ sec. cor..

40.47

Set temp. cor. of secs. 4, 5, 8 and 9.

S. $0^{\circ} 04'$ W. bet. secs. 8 and 9

40.47

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

80.94

The ^{re-estab.} cor. of secs. 8, 9, 16 and 17, ~~hereinbefore~~ described.

June 28, 1913.

June 30, 1913: At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 28'$ N. on the lat. arc; $23^{\circ} 13'$ 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 re-estab. by me} as described in Book "5";

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

482.41 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 Intersect the N. bdy. of the Tp. 1 lk. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post ^{with brass cap} marked and witnessed as described by the surveyor general.

June 30, 1913.

July 1, ¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 33\frac{1}{2}'$ N. on the lat. arc; $23^{\circ} 109\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on the N. bdy. of the Tp., heretofore described

I figure the proportionate distances for positions of temp. cors. along this line as follows:

479.25	:	482.41	::	80.00	:	x	80.53
479.25	:	482.41	::	79.25	:	x	79.77
79.25	:	79.77	::	40.00	:	x	40.26
79.25	:	79.77	::	39.25	:	x	39.51

From the cor. of secs. 5, 6, 31 and 32 on the N. bdy. of the Tp. I run

South, bet. secs. 5 and 6, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

39.51 Set temp. $\frac{1}{4}$ sec. cor.
 Thence from $\frac{1}{4}$ sec. cor.
 40.26 Set temp. cor. of secs. 5, 6, 7, and 8.

South, bet. secs. 7 and 8

40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 7, 8, 17, and 18.

South, bet. secs. 17 and 18.

40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 17, 18, 19, and 20.

NOTE: July 2: At this cor. I set off $23^{\circ} 07\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon: the resulting lat. is $31^{\circ} 30\frac{1}{2}'$ N.

South, bet. secs. 19 and 20

40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 19, 20, 29 and 30.

South, bet. secs. 29 and 30.

40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 29, 30, 31 and 32.

South, bet. secs. 31 and 32.

40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 The cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., recently estab. by me as described in Book "S".

July 1, 1913.

July 2, ¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 29'$ N. on the lat. arc; $23^{\circ} 05'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S"; Thence I run West, on a random line, making careful search at 40.00 and

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

80.00 chs. for the old 1/4 sec. and sec. cors. but without success, until at

483.33 Intersect the W. bdy. of the Tp. 181 lks. S. of the cor. of secs. 25, 30, 31 and 36, recently reestab. by me as described in Book "S"

NOTE: July 2: At this cor. I set off 23° 03 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 29' N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

479.78	:	483.33	::	80.73	:	x	.	81.33
479.78	:	483.33	::	79.43	:	x	.	80.02
479.78	:	483.33	::	79.94	:	x	.	80.53
479.78	:	483.33	::	79.80	:	x	.	80.39
479.78	:	483.33	::	79.40	:	x	.	79.99
479.78	:	483.33	::	80.48	:	x	.	81.07
80.48	:	81.07	::	40.00	:	x	.	40.29
80.48	:	81.07	::	40.48	:	x	.	40.78

From the cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp. I run setting temp. 1/4 sec. and sec. cors. at proportionate distances as follows:

40.78 S 89° 47' E., bet. secs. 30 and 31.

40.78 Set temp. 1/4 sec. cor.

Thence from 1/4 sec. cor.

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

S. 89° 47' E., bet. secs. 29 and 32.

39.99 Set temp. 1/4 sec. cor.

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

S. 89° 47' E., bet. secs. 28 and 33.

40.19 Set temp. 1/4 sec. cor.

80.39 Set temp. cor. of secs. 27, 28, 33 and 34.

S. 89° 47' E., bet. secs. 27 and 34.

40.26 Set temp. 1/4 sec. cor.

80.53 Set temp. cor. of secs. 26, 27, 34 and 35.

S. 89° 47' E., bet. secs. 26 and 35.

40.01 Set temp. 1/4 sec. cor.

80.02 Set temp. cor. of secs. 25, 26, 35, and 36.

S. 89° 47' E., bet. secs. 25 and 36.

40.66 Set temp. 1/4 sec. cor.

81.33 The cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S".

July 2, 1913.

July 3¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 30' N. on the lat. arc; 23° 00 1/2' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 24, 25 30 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S".

Thence I run

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

483.75 Intersect the W. bdy. of the Tp. 170 lks. S. of the cor. of secs. 19, 24, 25 and 30, recently reestab. by me as described in Book "S".

NOTE: July 3: At this cor. I set off 22° 59' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30' N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

480.49	:	483.75	::	80.67	:	x	.	81.22
480.49	:	483.75	::	79.98	:	x	.	80.53
480.49	:	483.75	::	79.90	:	x	.	80.44

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

480.49 : 483.75 :: 80.00 : x 80.54 ✓
 480.49 : 483.75 :: 79.90 : x 80.44 ✓
 480.49 : 483.75 :: 80.04 : x 80.58 ✓

From the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp. I run setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

S. 89° 48' E. bet. secs. 19 and 30.
 40.31 Set temp. $\frac{1}{4}$ sec. cor.
 Thence from $\frac{1}{4}$ sec. cor.
 40.27 Set temp. cor. of secs. 19, 20, 29 and 30.

S. 89° 48' E. bet. secs. 20 and 29
 40.22 Set temp. $\frac{1}{4}$ sec. cor.
 80.44 Set temp. cor. of secs. 20, 21, 28 and 29.

S. 89° 48' E. bet. secs. 21 and 28.
 40.27 Set temp. $\frac{1}{4}$ sec. cor.
 80.54 Set temp. cor. of secs. 21, 22, 27 and 28.

S. 89° 48' E. bet. secs. 22 and 27.
 40.22 Set temp. $\frac{1}{4}$ sec. cor.
 80.44 Set temp. cor. of secs. 22, 23, 26 and 27.

S. 89° 48' E. bet. secs. 23 and 26.
 40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 23, 24, 25, and 26.

S. 89° 48' E. bet. secs. 24 and 25.
 40.61 Set temp. $\frac{1}{4}$ sec. cor.
 81.22 The cor. of secs. 19, 24, 25 and 30 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S"

July 3, 1913.

July 5¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 30 $\frac{1}{2}$ ' N. on the lat. arc; 22° 50 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S"; 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
 322.89 Fall 191 lks. S. of the cor. of secs. 16, 17, 20 and 21, recently reestab. by me as described before described
 Thence from cor. of secs. 16, 17, 20 and 21, 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

161.20 Intersect the W. bdy. of the Tp. 46 lks. N. of the cor. of secs. 13, 18, 19 and 24, recently reestab. by me as described in Book "S"

NOTE: July 5: At this cor. I set off 22° 48 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30 $\frac{1}{2}$ ' N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

320.78 : 322.89 :: 80.57 : x 81.10 ✓
 320.78 : 322.89 :: 79.91 : x 80.43 ✓
 320.78 : 322.89 :: 80.00 : x 80.53 ✓
 320.78 : 322.89 :: 80.30 : x 80.83 ✓
 159.60 : 161.20 :: 79.40 : x 80.20 ✓
 159.60 : 161.20 :: 80.20 : x 81.00 ✓
 80.20 : 81.00 :: 40.00 : x 40.40 ✓
 80.20 : 81.00 :: 40.20 : x 40.60 ✓

From the cor. of secs. 13, 18, 19 and 24 on the W. bdy.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

of the Tp., I run, setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:
 N. $89^{\circ} 50'$ E., bet. secs. 18 and 19
 40.60 Set temp. $\frac{1}{4}$ sec. cor.
 Thence from $\frac{1}{4}$ sec. cor.
 40.40 Set temp. cor. of secs. 17, 18, 19 and 20.

 N. $89^{\circ} 50'$ E., bet. secs. 17 and 20
 40.10 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 The cor. of secs. 16, 17, 20 and 21, previously described

 S. $89^{\circ} 40'$ E. bet. secs. 16 and 21
 40.41 Set temp. $\frac{1}{4}$ sec. cor.
 80.83 Set temp. cor. of secs. 15, 16, 21 and 22.

 S. $89^{\circ} 40'$ E. bet. secs. 15 and 22.
 40.26 Set temp. $\frac{1}{4}$ sec. cor.
 80.53 Set temp. cor. of secs. 14, 15, 22 and 23.

 S. $89^{\circ} 40'$ E. bet. secs. 14 and 23.
 40.21 Set temp. $\frac{1}{4}$ sec. cor.
 80.43 Set temp. cor. of secs. 13, 14, 23 and 24.

 S. $89^{\circ} 40'$ E. bet. secs. 13 and 24
 40.55 Set temp. $\frac{1}{4}$ sec. cor.
 81.10 The cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S",

July 5, 1913.

July 6¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 31\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 44\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S", 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
 323.11 Fall 92 lks. S. of the cor. of secs. 8, 9, 16 and 17, recently reestab. by me as ~~hereinbefore~~ described
 Thence from cor. of secs. 8, 9, 16 and 17, 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
 161.23 Intersect the W. bdy. of the Tp., 16 lks. S. of the cor. of secs. 7, 12, 13 and 18, recently reestab. by me as described in Book "S".

NOTE: July 6: At this cor. I set off $22^{\circ} 42\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 31\frac{1}{2}'$ N. I figure the proportionate distances for positions of temp. cors. along this line as follows:

320.84	:	323.11	::	80.43	:	x	81.00
320.84	:	323.11	::	80.01	:	x	80.58
320.84	:	323.11	::	80.20	:	x	80.77
320.84	:	323.11	::	80.20	:	x	80.77
160.30	:	161.23	::	80.20	:	x	80.67
160.30	:	161.23	::	80.10	:	x	80.56
80.10	:	80.56	::	40.00	:	x	40.23
80.10	:	80.56	::	40.10	:	x	40.33

From the cor. of secs. 7, 12, 13 and 18 on the W. bdy. of

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

the Tp. I run setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

S. $89^{\circ} 57'$ E., bet. secs. 7 and 18.

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

Thence from $\frac{1}{4}$ sec. cor.

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

S. $89^{\circ} 57'$ E., bet. secs. 8 and 17.

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

80.67 The cor. of secs. 8, 9, 16, and 17, hereinafter described.

S. $89^{\circ} 50'$ E., bet. secs. 9 and 16.

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

80.77 Set temp. cor. of secs. 9, 10, 15 and 16.

S. $89^{\circ} 50'$ E., bet. secs. 10 and 15.

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

80.77 Set temp. cor. of secs. 10, 11, 14 and 15.

S. $89^{\circ} 50'$ E., bet. secs. 11 and 14.

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

80.58 Set temp. cor. of secs. 11, 12, 13, and 14.

S. $89^{\circ} 50'$ E., bet. secs. 12 and 13.

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

81.00 The cor. of secs. 7, 12, 13, and 18 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S".

July 6, 1913.

July 7¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 32\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 38\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., recently reestab. by me as described in Book "S". 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

484.72 Intersect the W. bdy. of the Tp. 86 lks. S. of the cor. of secs. 1, 6, 7 and 12, recently reestab. by me as described in Book "S".

NOTE: July 7: At this cor. I set off $22^{\circ} 36\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 32\frac{1}{2}'$ N.

I figure the proportionate distances for positions of temp. cors. along this line as follows:

- 480.17 : 484.72 :: 80.51 : x 81.27
- 480.17 : 484.72 :: 79.81 : x 80.57
- 480.17 : 484.72 :: 79.80 : x 80.56
- 480.17 : 484.72 :: 80.10 : x 80.86
- 480.17 : 484.72 :: 79.80 : x 80.56
- 480.17 : 484.72 :: 80.15 : x 80.91
- 80.15 : 80.91 :: 40.00 : x 40.38
- 80.15 : 80.91 :: 40.15 : x 40.53

From the cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the Tp. I run setting temp. $\frac{1}{4}$ sec. and sec. cors. at proportionate distances as follows:

S. $89^{\circ} 54'$ E., bet. secs. 6 and 7

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

Thence from $\frac{1}{4}$ sec. cor.

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

S. $89^{\circ} 54'$ E., bet. secs. 5 and 8.

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

80.56 Set temp. cor. of secs. 4, 5, 8, and 9.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains

40.43 S. 89° 54' E., bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
80.86 Set temp. cor. of secs. 3, 4, 9 and 10.

40.28 S. 89° 54' E., bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
80.56 Set temp. cor. of secs. 2, 3, 10 and 11.

40.28 S. 89° 54' E., bet. secs. 2 and 11
Set temp. $\frac{1}{4}$ sec. cor.
80.57 Set temp. cor. of secs. 1, 2, 11 and 12.

40.63 S. 89° 54' E., bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
81.27 The cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the
Tp., recently reestab. by me as described in Book "5".

July 7, 1913.

July 8¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 29' N.
on the lat. arc; 22° 32' N. on the decl. arc; and
determine a meridian with the solar at the cor. of secs.
25, 26, 35 and 36 on the N. and S. line.

Thence I run 29 lks. west, and from the temp.
cor. of secs. 25, 26, 35 and 36 on the E. and W. line I
run 37 lks. N. to intersection of the two lines where I
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, 1913;

T22SR26E in N. 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.

Thence I run

S0° 05' E., bet. secs. 35 and 36
Over level land.

40.35 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 ¹⁹¹³ S35 on W.
and S36 in E. 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.

47.00 Enter dense brush.

80.696 The cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the
Tp., recently reestab. by me as described in Book "5".

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture,
dry; 1st. rate.

No timber.

Undergrowth, mesquite.

40.665 S. 89° 31' E., bet. secs. 25 and 36.
Over level land,
Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap ¹⁹¹³ S25 in N.
and S36 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. b
base $1\frac{1}{2}$ ft. high, N. of cor.

81.33 The cor. of secs. 25, 30, 31 and 36 on the E. bdy. of
the Tp., recently reestab. by me as described in Book "5".
Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture;
1st. rate.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

No timber.

From the temp. cor. of secs. 23, 24, 25 and 26, on the N. and S. line I run west 11 lks., and from the temp. cor. of secs. 23, 24, 25 and 26 on the E. and W. line I run north 51 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. 23, 24, 25, and 26, marked on brass cap, 1913;

T22SR26E in N. half;

S23 in N. W.

S24 in N. E.

S25 in S. E. and

S 26 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' W. bet. secs. 25 and 26.

Over level land.

40.35 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S26 in W. and S25 in E. 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.

80.696 The ^{reestab.} cor. of secs. 25, 26, 35 and 36, hereinbefore described
Land, level.

Soil, rich sandy loam, over 2 ft. deep; medium texture, dry; 1st. rate.

No timber.

S. 89° 26' E., bet. secs. 24 and 25.

Over level land.

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

40.61 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S24 in N. and S25 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.

46.00 Cross road bears N. W. and S. E. cor.

81.22 The cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., ^{reestab.} by means described in Book "S".

Land, level.

Soil, rich sandy loam, over 2 ft. deep, mediu, texture; dry; 1st. rate.

No timber.

From the temp. cor. of secs. 13, 14, 23 and 24 on the N. and S. line I run 4 lks. E., and from the temp. cor. of secs. 13, 14, 23 and 24 on the E. and W. line I run 38 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. 13, 14, 23 and 24, marked on brass cap, 1913;

T22SR26E in N. 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. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

Thence I run

S. 0° 12' W. bet. secs. 23 and 24.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

Over level land.
40.35 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 ¹⁹¹³ $\frac{1}{4}$ S23 in W. and S24 in E. 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.
77.80 Cross road bears N. W. and S. E.
80.696 The cor. of secs. 23, 24, 25, and 26, ^{reestab.} hereinbefore described.
NOTE: S. 23: At this cor. I set off 22° 30' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30' N.
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.

S. 89° 23' E., bet. secs. 13 and 24
Over level land.
11.20 Cross road bears N. W. and S. E.
40.55 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 ¹⁹¹³ $\frac{1}{4}$ S13 in N. and S24 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.
81.10 The cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., ^{reestab.} recently reestab. by me as described in Book "5".
Land, level.
Soil, rich sandy loam, over 2 ft. deep; medium texture; dry; 1st. rate.
No timber.

From the temp. cor. of secs. 11, 12, 13, and 14 on the N. and S. line I run 12 lks. E., and from the temp. cor. of secs. 11, 12, 13, and 14 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. 11, 12, 13 and 14, marked on brass brass cap, 1913;

T22SR26E. in N. half;

S11 in N. W.

S12 in N. E.

S13 in S. E. and

S14 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° 09' W., bet. secs. 13 and 14.

Over level land.

40.35 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 ¹⁹¹³ $\frac{1}{4}$ S14 in W. and S13 in E. 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.

41.00 Cross road, bears N. E. and S. W.

67.50 Cross road, bears N. W. and S. E.

80.696 The ^{reestab.} cor. of secs. 13, 14, 23 and 24, hereinbefore described.

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture; dry; 1st. rate.

No timber.

S. 89° 26' E., bet. secs. 12 and 13.
Over level land.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.
 40.50 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 ¹⁹¹³ S12 in N. and S13 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 $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor..
 73.70 Cross road bears N. W. and S. E.
 73.90 Cross under telegraph line bears N. W. and S. E.
 74.65 Cross El Paso and Southwestern Railway bears N. W. and S. E. on wagon road crossing bears N. E. and S. W.
 81.00 The cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., recently reestab. by means described in Book "5"

July 8, 1913.

July 11¹⁹¹³ At 7h. 00m., a.m., l.m.t., I set off $31^{\circ} 32\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 10'$ N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 1, 2, 11 and 12, on the N. and S. line. Thence I run 7 lks. W., and from the temp. cor. of secs. 1, 2, 11 and 12 on the E. and W. line, I run 78 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. 1, 2, 11 and 12, marked on Brass cap, 1913;
 T22SR26E in N. half;
 S2 in N. W.
 S1 in N. E.
 S12 in S. E. and
 S11 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 From this cor. C. Ware house bears N. $52^{\circ} 10'$ E.
 G. Adams house bears N. $3^{\circ} 35'$ W.

From cor. of secs. 1, 2, 11 and 12, I run $S. 0^{\circ} 02'$ E., bet. secs. 11 and 12.
 Over level land,
 10.50 Cross road bears N. E. and S. W.
 36.40 Cross road bears N. E. and S. W.
 40.35 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 ¹⁹¹³ S11 in W. and S12 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.696 The ^{reestab.} cor. of secs. 11, 12, 13 and 14, hereinbefore described.
 Land, level.
 Soil, rich sandy loam, over two feet deep, medium texture, dry; 1st. rate.
 No timber.

S. $89^{\circ} 19'$ E., bet. secs. 1 and 12.
Over level land.

31.47 Cross road, bears N. W. and S. E..
 31.64 Cross telegraph line, bears N. W. and S. E.
 37.42 Cross El Paso & Southwestern Railway, bears N. W. and S. E.
 40.635 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 ¹⁹¹³ S1 in N. and S12 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 $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 81.27 The cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., recently reestab. by means described in Book "5".
 Land, level.
 Soil, rich sandy loam, over 2 ft. deep, medium texture, Dry; 1st. rate.
 No timber.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

N. $0^{\circ} 09'$ E., bet. secs. 1 and 2.
Over level land.
40.35 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 ¹⁹¹³ $\frac{1}{4}$ S2 in W. and S1 in E. 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.
77.65 Cross road bears N. W. and S. E.
78.15 Cross telegraph line bears N. W. and S. E.
79.75 Cross El Paso & Southwestern Railway, bears N. W. and S. E.
79.84 The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., and iron post with brass cap marked & witnessed as described by the Surveyor General.
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture; dry, 1st. rate.
No timber.

July 11, 1913.

July 9¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 29'$ N. on the lat. arc; $22^{\circ} 25'$ N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 26, 27, 34 and 35 on the N. and S. line. Thence I run 93 lks. E., and from the temp. cor. of secs. 26, 27, 34 and 35 on the E. and W. line, I run 44 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. 26, 27, 34 and 35, marked on brass cap, 1913;
T22SR26E in N. 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
From this cor. C. P Koch house bears S. 49° W.
F. A. Kenney house bears S. 13° W.
J. E. Kenney house bears S. 11° E.
Q. Loe house bears S. $77^{\circ} 30'$ W.
Jas. Kelly house bears S. $81^{\circ} 30'$ W.
Mrs. Selcraig house bears S. 78° E.
T. Selcraig house bears N. $68^{\circ} 15'$ E.

From the cor. of secs. 26, 27, 34 and 35, I run S. $0^{\circ} 52'$ W., bet. secs. 34 and 35.

Over level land.
0.74 Cross fence bears E. and W.
1.10 Cross fence bears E. and W.
21.00 Enter dense brush.
40.33 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 ¹⁹¹³ $\frac{1}{4}$ S34 in W. and S35 in E. 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.
41.11 Cross fence bears E. and W.
80.66 The cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., ^{recently reestab. by means} described in Book "S".
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, 1st. rate.
No timber.
Undergrowth, mesquite.

S. $89^{\circ} 44'$ E., bet. secs. 26 and 35.
Over level land.
20.10 Cross fence bears N. and S.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

40.01 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 ¹⁹¹³ $\frac{1}{4}$ S26 in N. and S35 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 $\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

59.60 Cross fence bears N. and S.

80.02 The ^{reestab.} cor. of secs. 25, 26, 35 and 36, hereinbefore described
From this cor. Mrs. Selcraig house bears S. $79^{\circ} 30'$ W.
T. Selcraig house bears N. $44^{\circ} 45'$ W.

Land, level.

Soil, rich sandy loam, over two feet deep, medium texture, dry; 1st. rate.

No timber.

From the temp. cor. of secs. 22, 23, 26 and 27 on the N. and S. line I run 50 lks. E., and from the temp. cor. of secs. 22, 23, 26, and 27 on the E. and W. line I run 62 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. 22, 23, 26, and 27, marked on brass cap, 1913;

T22SR26E in N. half;

S22 in N. W.

S23 in N. E.

S26 in S. E. and

S27 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. $0^{\circ} 07'$ E., bet. secs. 26 and 27,
Over level land, through dense brush.

40.23 Cross fence bears E. and W.

40.33 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 ¹⁹¹³ $\frac{1}{4}$ S27 in W. and S26 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

48.00 Leave brush.

80.66 The ^{reestab.} cor. of secs. 26, 27, 34, and 35, hereinbefore described.

Land, level.

Soil, rich sandy loam, over two ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 43'$ E., bet. secs. 23 and 26.

Over level land through dense brush.

37.00 Leave brush.

40.265 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 ¹⁹¹³ $\frac{1}{4}$ S23 in N. and S26 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 $\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.53 The ^{reestab.} cor. of secs. 23, 24, 25 and 26, hereinbefore described.

Land, level.

Soil, rich sandy loam, over two ft. deep, medium texture; dry; 1st. rate.

No timber.

Undergrowth, mesquite.

From the temp. cor. of secs. 14, 15, 22 and 23 on the N. and S. line, I run 63 lks. E., and from the temp. cor. of secs. 14, 15, 22 and 23 on the E. and W. line I run 23 lks. N. to point of intersection of the two lines where I

Resurvey of the subdivision lines of T. 22 S. R. 26 E

Chains.

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, 1913;

T22SR26E in N. 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

From this cor. J. Purdy house bears S. 62° W.

J. W. Clark house bears N. 75° W.

NOTE: At this cor. I set off $22^{\circ} 23'$ N. on the decl. arc ~~July 9~~ and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 30\frac{1}{2}'$ N.

Thence I run

S. $0^{\circ} 17'$ W., bet. secs. 22 and 23.

Over level land.

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

25.00 Enter dense brush.

40.33 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S22 in W. and S23 in E. 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.

80.66 The ^{reestab.} cor. of secs. 22, 23, 26, and 27, hereinbefore described Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture; dry; 1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 46'$ E., bet. secs. 14 and 23.

Over level land.

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

40.215 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S14 in N. and S23 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.

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

80.43 The ^{reestab.} cor. of secs. 13, 14, 23 and 24, hereinbefore described Land, level.

Soil, rich sandy loam, over two ft. deep, medium texture, dry; 1st. rate.

No timber.

From the temp. cor. of secs. 10, 11, 14 and 15 on the N. and S. line I run 47 lks. E., and from the temp. cor. of secs. 10, 11, 14 and 15 on the E. and W. line I run 66 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. 10, 11, 14 and 15, marked on brass cap, 1913;

T22SR26E in N. 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.

From this cor. Miss J. Butt house bears N. $0^{\circ} 40'$ W.

Pearl Butt house bears N. $2^{\circ} 30'$ E.

Mrs. J. Butt house bears N. $3^{\circ} 00'$ E.

Thence I run

S. $0^{\circ} 05'$ W., bet. secs. 14 and 15.

Over level land,

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

- 40.33 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 ¹⁹¹³ $\frac{1}{4}$ S15 in W. and S14 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.66 The ^{reestab.} cor. of secs. 14, 15, 22 and 23, hereinbefore described Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture; dry; 1st. rate.
No timber.
- S. 89° 46' E., bet. secs. 11 and 14.
Over level land.
- 40.29 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 ¹⁹¹³ $\frac{1}{4}$ S11 in N. and S14 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 $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor..
- 50.90 Cross road bears N. W. and S. E. .
- 63.10 Cross road bears N. E. and S. W. .
- 80.58 The ^{reestab.} cor. of secs. 11, 12, 13 and 14, hereinbefore described Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.

July, 9, 1913.

July 11, ¹⁹¹³ From the temp. cor. of secs. 2, 3, 10 and 11 on the N. and S. line I run 19 lks. E., and from the temp. cor. of secs. 2, 3, 10 and 11 on the E. and W. line I run 92 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. 2, 3, 10 and 11, marked on brass cap, 1913;

T22SR26E in N. 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.

From this cor. Chas. Ware house bears N. 88° 45' E.

Geo. Adams house bears N. 61° 10' E.

thence I run

South, bet. secs. 10 and 11

Over level land.

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

- 40.33 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 ¹⁹¹³ $\frac{1}{4}$ S10 in W. and S11 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{8}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

From this cor. Miss J. Butt house bears S. 48° 26' W.

Pearl Butt house bears S. 57° 15' E.

Mrs. J. Butt house bears S. 89° 16' E.

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

- 80.66 The ^{reestab.} cor. of secs. 10, 11, 14 and 15, hereinbefore described Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture; dry; 1st. rate.

No timber.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

S. 89° 49' E., bet. secs. 2 and 11
Over level land.

3.00

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

20.75

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

40.285

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 ¹⁹¹³ S2 in N. and S11 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.

80.57

The cor. of secs. 1, 2, 11 and 12, ^{reestab.} hereinbefore described.

NOTE: July 11: At this cor. I set off 22° 07' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 32' N.

Land, level.

Soil, rich sandy loam, over two ft. deep, medium texture, dry; 1st. rate.

No timber.

N. 0° 04' E., bet. secs. 2 and 3

Over level land.

37.05

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

40.33

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 ¹⁹¹³ S3 in W. and S2 in E. 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.

79.75

The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., and iron post with brass cap marked & witnessed as described by the Surveyor General.

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

July 11, 1913.

July 10¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 29' N. on the lat. arc; 22° 18' 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 119 lks. E., and from the temp. cor. of secs. 27, 28, 33 and 34 on the E. and W. line, I run 49 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. 27, 28, 33 and 34, marked on brass cap, 1913;

T22SR26E in N. 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.

From this cor. W. F. Koch house bears S. 21° 30' W. 14.50 chs. dist.

C. P. Koch house bears S. 34° 40' E.

F. A. Kenney house bears S. 59° 00' E.

J. E. Kenney house bears S. 73° 45' E.

Q. Loe house bears S. 73° 45' E.

Jas. Kelly house bears S. 85° 30' E.

From the ^{reestab.} cor. of secs. 27, 28, 33, and 34, I run

S1° 07' W. bet. secs. 33 and 34

Over level land, through dense brush..

40.265

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 ¹⁹¹³ S33 in W. and S34 in E. 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.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

80.53 The cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., recently reestab. by me as described in Book. "
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.

S. 89° 45' E., bet. secs. 27 and 34.

Over level land.

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 ¹⁹¹³ S27 in N. and S34 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.

80.53 The ^{reestab.} cor. of secs. 26, 27, 34 and 35, hereinbefore described.

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

From the temp. cor. of secs. 21, 22, 27 and 28, on the N. and S. line I run 78 lks. E., and from the temp. cor. of secs. 21, 22, 27 and 28 on the E. and W. line I run 49 lks. N. to point of intersection of the two lines where I set and 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, 1913;

T22SR26E. in N. 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.

From this cor. W. P. Storey house bears N. 50° 20' W. 16.50 chs. dist.

P. Fletcher house bears N. 6° 40' W.

J. Muirhead house bears N. 12° 15' E.

Thence I run

S. 0° 03' E., bet. secs. 27 and 28

Over level land through dense brush.

40.25 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S28 in W. and S27 in E. 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.

80.504 The ^{reestab.} cor. of secs. 27, 28, 33 and 34, hereinbefore described.

Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite.

S. 89° 53' E., bet. secs. 22 and 27.

Over level land, through dense brush.

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 ¹⁹¹³ S22 in N. and S27 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.

80.44 The ^{reestab.} cor. of secs. 22, 23, 26 and 27, hereinbefore described.

Land, level.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.

From the temp. cor. of secs. 15, 16, 21 and 22 on the N. and S. line I run 77 lks. E., and from the temp. cor. of secs. 15, 16, 21 and 22 on the E. and W. line I run 18 lks. S. 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, 1913;

- T22SR26E in N. 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 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

- From this cor. S. J. Robb house bears S. 85° 41' W. 5.47 Chs. dist.
- S. J. Robb pumphouse bears S. 72° 08' W. 3.70 chs. dist.
- S. J. Robb barn bears S. 87° 50' W. 8.40 chs. dist.
- P. Fletcher house bears S. 4° 00' W.
- J. Muirhead house bears S. 14° 45' E.
- J. Clark house bears N. 47° 52' E.
- Purdy house bears S. 78° 30' E.

NOTE: At this cor. I set off 22° 15 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30 1/2' N.

Thence I run

S. 0° 16' W., bet. secs. 21 and 22

Over level land.

20.70

Cross road bears E, and W. and enter dense brush.

40.25

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S 21 in W. and S22 in E. 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.

80.504

The ^{reestab.} cor. of secs. 21, 22 27, and 28, ~~hereinbefore~~ described Land, level.

Soil, rich sandy loam, over two ft. deep, medium texture; 1st. rate.

No timber.

Undergrowth, mesquite.

S. 89° 58' E., bet. secs. 15 and 22

Over level land.

0.05

Cross fence, bears N. and S.

39.28

Cross fence, bears N. and S.

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 ¹⁹¹³ S15 in N. and S22 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.

80.53

The ^{reestab.} cor. of secs. 14, 15, 22 and 23, ~~hereinbefore~~ described Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

From the temp. cor. of secs. 9, 10, 15 and 16 on the N. and S. line I run 27 lks. E., and from the temp. cor. of secs. 9, 10, 15 and 15 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. 9, 10, 15, and 16, marked on brass cap, 1913;

T22SR26E in N. 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. $0^{\circ} 06'$ E., bet. secs. 15 and 16.

Over level land.

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

40.25 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S16 in W. and S15 in E. 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.

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

80.504 The ^{reestab.} cor. of secs. 15, 16, 21 and 22, herainbefore described Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

N. $89^{\circ} 55'$ E., bet. secs. 10 and 15.

Over level land.

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

19.00 Cross road bears N. and S..

40.385 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S10 in N. and S15 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.

80.77 The ^{reestab.} cor. of secs. 10, 11, 14 and 15. herainbefore described Land, level.

Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

July 10, 1913.

July 11¹⁹¹³ From the temp. cor. of secs. 3, 4, 9 and 10 on the N. and S. line I run 21 lks. E., and from the temp. cor. of secs. 3, 4, 9, and 10 on the E. and W. line I run 45 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. 3, 4, 9, and 10, marked on brass cap, 1913;

T22SR26E in N. half;

S4 in N. W.

S3 in N. E.

S10 in S. E. and

S9 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. E. Bowers house bears N. $69^{\circ} 30'$ W.

A vacant house bears N. $45^{\circ} 30'$ W.

Thence I run

S. $0^{\circ} 13'$ W., bet. secs. 9 and 10

Over level land.

BOOK 2670

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

- Chains
40.25 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 ¹⁹¹³ $\frac{1}{4}$ S9 in W. and S10 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.504 The ^{reestab.} cor. of secs. 9, 10, 15, and 16, hereinbefore described.
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
-
- N. $89^{\circ} 46'$ E., bet. secs. 3 and 10.
Over level land.
- 40.28 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 ¹⁹¹³ $\frac{1}{4}$ S3 in N. and S10 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 $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 80.56 The ^{reestab.} cor. of secs. 2, 3, 10 and 11, hereinbefore described.
Land, level.
Soil, rich sandy loam, over two ft. deep, medium texture, dry; 1st. rate.
No timber.
-
- N. $0^{\circ} 07'$ E., bet. secs. 3 and 4
Over level land,
- 40.25 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 ¹⁹¹³ $\frac{1}{4}$ S4 in W. and S3 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 70.00 Cross road bears N. E. and S. W.
79.90 The ^{reestab.} cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., an iron post with brass cap marked & witnessed as described by the Surveyor General.
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber. . . . July, 11, 1913.
-
- July 12¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 29'$ N. on the lat. arc; $22^{\circ} 02'$ N. 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 58 lks. E., and from the temp. cor. of secs. 28, 29, 32 and 33 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. 28, 29, 32 and 33, marked on brass cap, 1913;
T22SR26E in N. 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. J. E. Brophy house bears N. $18^{\circ} 16'$ E.
F. Cristine house bears S. $3^{\circ} 56'$ W.
Thence I run
S. $0^{\circ} 35'$ W., bet. secs. 32 and 33.
Over level land, through dense brush.
- 40.33 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 ¹⁹¹³ $\frac{1}{4}$ S32 in W. and S33 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

- 80.667 base $1\frac{1}{2}$ ft. high, W. of cor.
The cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., recently reestab. by means described in Book "5".
Land, level.
Soil, rich sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate..
No timber..
Undergrowth, mesquite.
-
- 31.00 S. $89^{\circ} 44'$ E., bet. secs. 28 and 33.
Over level land, through dense brush.
Cross Whitewater ^{CREEK} dry, 80 lks. wide course S. E..
- 37.10 Cross fence bears N. and S.
- 40.195 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ $S28$ in N. and $S33$ 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 $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 78.20 Cross fence bears N. and S.
- 78.80 Cross road vears N. and S.
- 80.39 The ^{reestab.} cor. of secs. 27, 28, 33 and 34, hereinbefore described.
Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.
-
- From the temp. cor. of secs. 20, 21, 28 and 29 on the N. and S. line I run 17 lks. E., and from the temp. cor. of secs. 20, 21, 28 and 29 on the E. and W. line I run 77 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, 1913;
T22SR26E in N. 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
From this cor. J. E. Brophy house bears S. $87^{\circ} 41'$ E.
Thence I run
S. $0^{\circ} 07'$ E. bet. secs. 28 and 29.
Over level land, through dense brush.
- 40.33 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ $S29$ in W. and $S28$ in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 80.667 The ^{reestab.} cor. of secs. 28, 29, 32 and 33, hereinbefore described.
Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.
- .NOTE: July 10: At this cor. I set off $21^{\circ} 59\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 29'$ N.
-
- 0.10 S. $89^{\circ} 36'$ E., bet. secs. 21. and 28, over level land, thru dense brush.
Cross fence, bears N. and S. dense brush.
- 14.00 Cross Whitewater ^{Creek} dry, 80 lks. wide course S. E.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

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 ¹⁹¹³ $\frac{1}{4}$ S21 in N. and S28 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 $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

79.57 Cross fence bears N. and S.

79.69 Cross road bears N. and S.

80.54 The ^{reestab.} cor. of secs. 21, 22, 27 and 28, ~~hereinbefore~~ described Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.

N. 0° 03' E., bet. secs. 20 and 21.
Over level land, through dense brush.

00.08 Cross fence bears E. and W.

25.30 Cross road bears E. and W.

34.00 Cross Whitewater ^{Creek} dry, 80 lks. wide course S. E.

40.33 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 ¹⁹¹³ $\frac{1}{4}$ S20 in W. and S21 in E. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

59.80 Cross fence bears E. and W. leave brush.

80.667 The ^{reestab.} cor. of secs. 16, 17, 20 and 21, ~~hereinbefore~~ described. Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.

S. 89° 31' E., bet. secs. 16 and 21.
Over level land.

40.415 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 ¹⁹¹³ $\frac{1}{4}$ S16 in N. and S21 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 $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

80.60 Cross road bears N. and S.

80.83 The ^{reestab.} cor. of secs. 15, 16, 21 and 22, ~~hereinbefore~~ described Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.

July 12, 1913.

July 16¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off 31° 31 $\frac{1}{2}$ ' N. on the lat. arc; 21° 26' N. on the decl. arc; and determine a meridian with the solar at the ^{reestab.} cor. of secs. 8, 9, 16 and 17. ~~hereinbefore~~ described.
Thence I run

N. 89° 56' E., bet. secs. 9 and 16.
Over level land, through dense brush.

40.385 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 ¹⁹¹³ $\frac{1}{4}$ S9 in N. and S16 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 $\frac{3}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

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

46.75 Leave brush.

80.77 The ^{reestab.} cor. of secs. 9, 10, 15 and 16, ~~hereinbefore~~ described

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.
No timber.
Undergrowth, mesquite.

From the temp. cor. of secs. 4, 5, 8 and 9, on the N. and S. line I run 7 lks. E., and from the temp. cor. of secs. 4, 5, 8, and 9 on the E. and W. line I run 70 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. 4, 5, 8, and 9, marked on brass cap, 1913;

T22SR26E in N. 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.

From this cor. E. Bowers house bears N. 25° 14' E.

A vacant house bears N. 70° 50' E.

Thence I run

S. 0° 07' W., bet. secs. 8 and 9

Over level land through scattering brush.

15.00 Leave brush.

40.47 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S8 in W. and S9 in E. 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.

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

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.

No timber.

Undergrowth, mesquite.

S. 89° 43' E., bet. secs. 4 and 9.

Over level land.

40.43 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S4 in N. and S9 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.

78.80 Cross road bears N. and S.

80.86 The ^{reestab.} cor. of secs. 3, 4, 9 and 10, hereinbefore described

Land, level.

Soil, sandy loam, over two ft. deep, medium texture, dry;
1st. rate.

No timber.

N. 0° 01' E. bet. secs. 4 and 5

Over level land.

40.47 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S5 in W. and S4 in E. 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.

48.00 Enter dense brush.

79.92 The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp, an iron post with brass cap marked & witnessed as described by the Surveyor General.
Land, level.

BOOK 2070

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.
No timber.
Undergrowth, mesquite.

July 16, 1913.

July 14¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off. $31^{\circ} 29'$ N. on the lat. arc; $21^{\circ} 45'$ 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 54 lks. E., and from the temp. cor. of secs. 29, 30, 31 and 32 on the E. and W. line I run 28 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 brass cap, 1913;

T22SR26E in N. 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. $0^{\circ} 23'$ W., bet. secs. 31 and 32.

Over level land, through dense brush.

40.265 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 ¹⁹¹³ S31 in W. and S32 in E. 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. 5, 6, 31 and 32, on the S. bdy. of the Tp., ^{reestab.} recently reestablished by me as described in Book "5".

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 59'$ E., bet. secs. 29 and 32.

Over level land through dense brush.

39.995 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 ¹⁹¹³ S29 in N. and S32 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.

79.99 The ^{reestab.} cor. of secs. 28, 29, 32 and 33, ^{reestab.} hereinbefore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.

No timber.

Undergrowth, mesquite.

N. $89^{\circ} 59'$ W., bet. secs. 30 and 31.

Over level land through dense brush.

40.29 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 ¹⁹¹³ S30 in N. and S31 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.

81.07 The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., ^{reestab.} recently reestablished by me as described in Book "5".

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
1st. rate.

Resurvey of the subdivision lines of T.22 S. R. 26 E.

Chains.

No timber.
Undergrowth, mesquite.

From the temp. cor. of secs. 19, 20, 29 and 30 on the N. and S. line I run 6 lks. W., and from the temp. cor. of Secs. 19, 20, 29, and 30 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 ground for ^{reestab.} cor. of secs. 19, 20, 29 and 30, marked on brass cap, 1913;

T22SR26E in N. 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. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

NOTE: July 14: At this cor. I set off 21° 42' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 31° 30' N.

Thence I run

S. 0° 26' E., bet. secs. 29 and 30.

Over level land, through dense brush.

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

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 ¹⁹¹³ S30 in W. and S29 in E. 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.

80.53 The ^{reestab.} cor. of secs. 29, 30, 31 and 32, heretofore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite and blackbrush.

N. 89° 54' E., bet. secs. 20 and 29

Over level land, through dense brush.

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

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 ¹⁹¹³ S20 in N. and S. 29 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.

80.44 The ^{reestab.} cor. of secs. 20, 21, 28 and 29, heretofore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture; dry; 1st. rate.

No timber.

Undergrowth, mesquite.

S. 89° 57' W., bet. secs. 19 and 30.

Over level land through dense brush.

40.27 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S19 in N. and S30 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise amount of earth 3½ ft. base 1½ ft. high, N. of cor.

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

80.58 The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., recently reestab. by me as described in Book "5".

Land, level.

Soil, sandy loam, over two ft. deep, medium texture, dry; 1st. rate.

BOOK 2670

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

No timber.
Undergrowth, mesquite and blackbrush..

July 14, 1913.

July 15¹⁹¹³ At 7h. 00m. a.m., l.m.t., I set off $31^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 35\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the temp. cor. of secs. 17, 18, 19, and 20 on the N. and S. line. Thence I run 28 lks. E., and from the temp. cor. of secs. 17, 18, 19, and 20 on the E. and W. line I run 0 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. 17, 18, 19, and 20, marked on brass cap, 1913;

T22SR26E in N. 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. $0^{\circ} 15'$ W., bet. secs. 19 and 20

Over level land, through dense brush.

13.50

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

40.265

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 ¹⁹¹³ S19 in W. and S20 in E. 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. 19, 20, 29 and 30, hereinbefore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite.

N. $89^{\circ} 50'$ E., bet. secs. 17 and 20

Over level land, through dense brush.

19.00

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

39.00

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

40.10

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 ¹⁹¹³ S17 in N. and S20 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.

43.25

Cross fence bears N. and S.

62.20

Cross Whitewater ^{reestab} ~~dry~~, 80 lks. wide course S. E.

80.20

The ^{reestab} cor. of secs. 16, 17, 20 and 21, hereinbefore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 50'$ W., bet. secs. 18 and 19

Over level land, through dense brush.

40.40

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 ¹⁹¹³ S18 in N. and S19 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.

81.00

The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the

Resurvey of the subdivision lines of Tp. 22 S. R. 26 E.

Chains.

Tp., recently reestab. by me as described in Book "5"
 Land, level..
 Soil, sandy loam, over 2 ft. deep, medium texture, dry;
 1st. rate.
 No timber.
 Undergrowth, mesquite

From the temp. cor. of secs. 7, 8, 17, and 18 on the N.
 and S. line I run 25 lks. W., and from the temp. cor. of
 secs. 7, 8, 17 and 18 on the E. and W. line I run 49 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, 1913;

T22SR26E in N. 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..

From this cor. E. Miller house bears N. $11^{\circ} 40'$ E.

E. Penney house bears S. $30^{\circ} 04'$ E.

J. Miller house bears N. $13^{\circ} 04'$ W.

Mrs. Burns house bears S. $65^{\circ} 45'$ W.

NOTE: July 15: At this cor. I set off $21^{\circ} 33'$ N. on the decl.
 arc; and observe the sun on the meridian at noon the ;
 resulting lat. is $31^{\circ} 31\frac{1}{2}'$ N.

Thence I run

S. $0^{\circ} 22'$ E., bet. secs. 17 and 18

Over level land, through dense brush.

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 ¹⁹¹³ S18 in W.
 and S17 in E. 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. 17, 18, 19 and 20, hereinbefore described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
 1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 35'$ E., bet. secs. 8 and 17

Over level land, through dense brush.

40.335 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S8 in N. and
 S17 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.

57.20 Cross Whitewater ^{cr.} dry, 80 lks. wide course S. E.

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

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

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry;
 1st. rate.

No timber.

Undergrowth, mesquite.

S. $89^{\circ} 42'$ W., bet. secs. 7 and 18.

Over level land, through dense brush.

40.23 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground for ^{reestab.} sec. cor., marked on brass cap ¹⁹¹³ S7 in N. and

BOOK 2670

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains

80.56

S18 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.
 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., ^{recently reestab. by me} as described in Book "S".
 Land, level.
 Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
 No timber.
 Undergrowth, mesquite.

July 15, 1913.

July 16; 1913;

From the temp. cor. of secs. 5, 6, 7, and 8, on the N. and S. line I run 5 lks. E., and from the temp. cor. of secs. 5, 6, 7, and 8 on the E. and W. line I run 70 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, 1913;

T22SR26E in N. 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. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.

NOTE:

July 16; At this cor. I set off $21^{\circ} 23\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $31^{\circ} 32\frac{1}{2}'$ N.

From this cor. I. Bailey house bears S. $87^{\circ} 00'$ W.

Thence I run

S. $0^{\circ} 12'$ W., bet. secs. 7 and 8

Over level land, through dense brush.

39.21

A point from which

I. Bailey house bears N. $20^{\circ} 50'$ W.F. Miller house bears S. $35^{\circ} 43'$ E.E. Penney house bears S. $12^{\circ} 22'$ E.J. Miller house bears S. $54^{\circ} 25'$ W.Mrs. Burns house bears S. $26^{\circ} 45'$ W.

40.265

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 $\frac{1}{4}$ S7 in W. and S8 in E. 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. 7, 8, 17, and 18, ~~hereinbefore~~ described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
 No timber.
 Undergrowth, mesquite.

S. $89^{\circ} 54'$ E., bet. secs. 5 and 8.

Over level land, through dense brush.

29.50

Cross Whitewater ^{cross} dry, 70 lks. wide course S. E.

40.28

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 N. and S8 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

Leave brush.

51.00

Cross road bears N. and S.

80.56

The ^{reestab.} cor. of secs. 4, 5, 8 and 9, ~~hereinbefore~~ described.

Land, level.

Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.

Resurvey of the subdivision lines of T. 22 S. R. 26 E.

Chains.

No timber.
Undergrowth, mesquite.

- S. $89^{\circ} 36'$ W., bet. secs. 6 and 7.
Over level land through dense brush.
- 40.38 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 ¹⁹¹³ $\frac{1}{4}$ S6 in N. and S7 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.
- 80.91 The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp., ^{recently reestab. by me as described in Book "5"} recently reestab. by me as described in Book "5".
Land, level.
Soil, sandy loam, over two ft. deep, medium texture, dry; 1st. rate.
No timber.
Underbrowth, mesquite.

- N. $0^{\circ} 02'$ W., bet. secs. 5 and 6.
Over level land, through dense brush.
- 40.26 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 ¹⁹¹³ $\frac{1}{4}$ S6 in W. and S5 in E. 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.
- 79.77 The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., ^{an iron post with brass cap marked & witnessed as described by the Surveyor General.} an iron post with brass cap marked & witnessed as described by the Surveyor General.
Land, level.
Soil, sandy loam, over 2 ft. deep, medium texture, dry; 1st. rate.
No timber.
Undergrowth, mesquite.

July 16, 1913.

GENERAL DESCRIPTION.

This township is level and the soil is generally a rich sandy loam which with water produces abundant crops.

The western part of the township is covered with a heavy growth of mesquite brush. The eastern part is open and covered with grass during the wet season.

There is no timber in the township. Whitewater Creek runs through the central part of the township but carries water only during the rainy season.

There are settlers in secs. 7, 8, 4, 2, 1, 10, 11, 15, 17, 18, 21, 22, 25, 26, 28, 32, 33, 34, and 35.

John A. 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. 22 S. Rg. 26 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 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. Includes handwritten entries for A. W. Hendrix, G. E. Larrq, E. E. Kealey, J. S. Hughes, and C. T. Robinson.

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 3rd day of April, 1913, 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 subdivision lines of Tp. 22 S. Rg. 26 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 ^{re}survey have been reestablished 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 ^{re}survey.

John F. Hesse
U. S. Surveyor.

Subscribed by said John F. Hesse, and sworn to before me }
this 31st day of January, 1914 }



Frank 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~~ Resurvey of the
Subdivision lines of
Township N° 22 South, Range N° 26 East of the
Gila and Salt River Base and Meridian, Arizona.

executed by John F. Hesse, U.S. Surveyor
under his special instructions dated April 3rd, 1913, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank 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.~~