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OCT. 4-1913

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Apr. 28-1915

291

(1)

BOOK "B"
Subdivisions
FIELD NOTES

BOOK 2680

OF THE SURVEY OF THE

Subdivision lines of

TOWNSHIP 25 NORTH, RANGE 5 WEST

of the Gila & Salt River Base & Meridian,

In the State of

ARIZONA

EXECUTED BY

H. N. BRADSTREET, U.S. Transitman

and

WILLIAM B. KIMMEL, U.S. Surveyor

In the capacity of U. S. Surveyor, under instructions dated October 18, 1912,

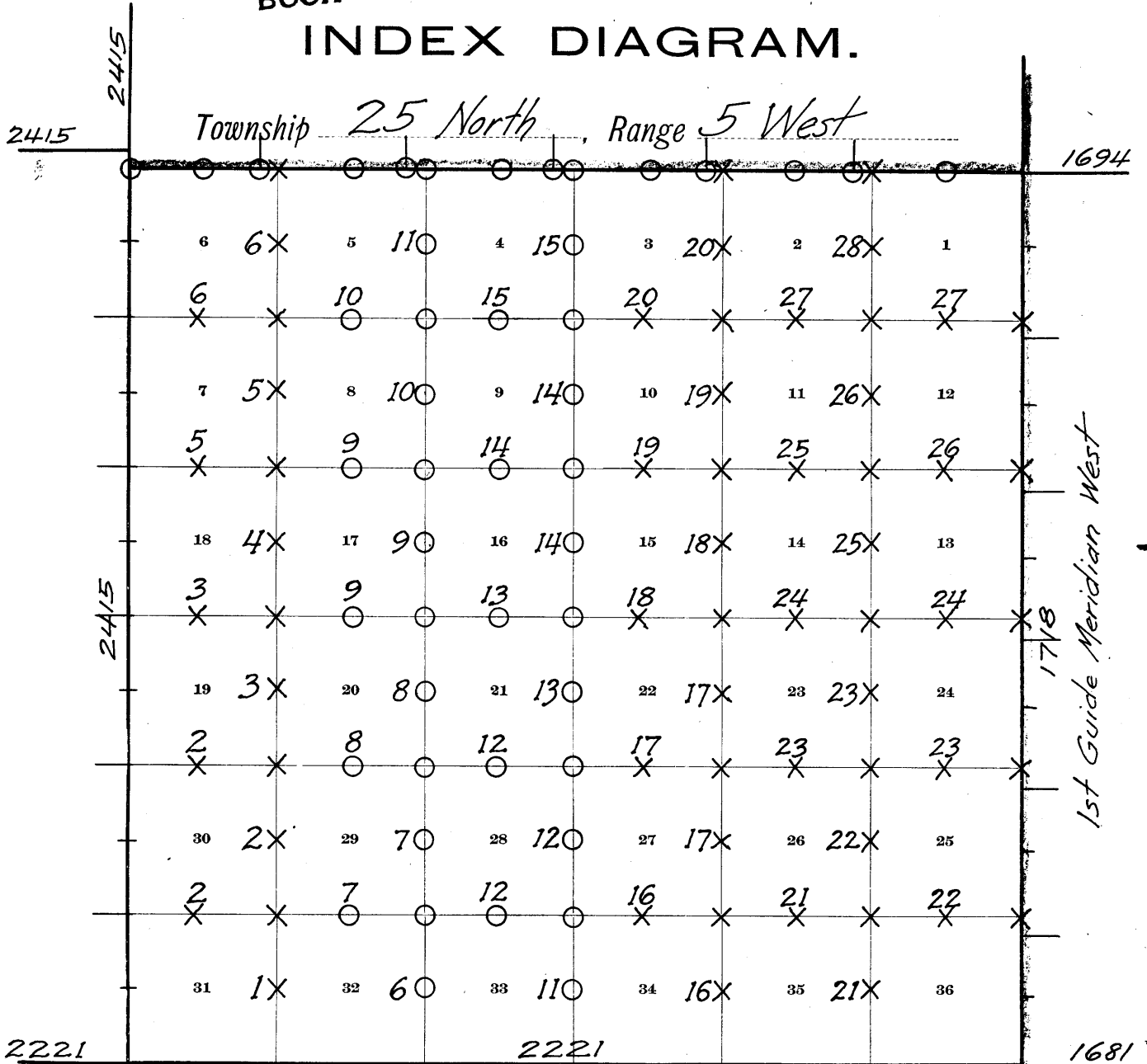
*issued by the United States Surveyor General to govern surveys included in
Group No. 24, which were approved by the Commissioner of the General Land
Office, November 5, 1912, pursuant to authority contained in the Act of
Congress dated June 25, 1910.*

Survey commenced December 17, 1912

Survey completed January 2, 1913

BOOK 2680

INDEX DIAGRAM.



X Corners set by W.B. Kimmel

O " " " H.N. Bradstreet

— Book "M" (EXTERIORS)

— " "N" (STANDARD LINES)

— " "O" (RESURVEYS & RETRACEMENTS)

Subdivision of T25N, R5W.

(18)

Chains.

Survey commenced Dec. 17, 1912. and executed with Young & Sons Light Mountain Transits Nos. 7695 and 8541 with Smith Solar Attachments For description of instruments and certificate of approval see book "O", page 1

NOTE: Initials "W.B.K." and "H.N.B." indicate surveys by William B. Kimmel, U.S. Surveyor and H.N. Bradstreet, U.S. Transitman respectively; throughout the following notes:
For description of Polaris observation and tests of transit No. 7695 see book "O", page 13

I examine the adjustments of transit No. 8541 and correct all errors. 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:

Dec. 17, 1912.

(At 8h. 0m. a.m., l.m.t. at camp in NE 1/4 of sec. 4, T. 25N. R. 5W., I set Dec. 18, 1912, transit No. 8541.

over one point in the meridian determined by Polaris observations Dec. 17th and described in book "O", page 13 and set off 35° 35' N. on the lat. arc; and 23° 20' S. on the decl. arc; and determine a meridian with the solar, and find that the line thus determined coincides with the true meridian determined by Polaris observation.

At 3 h. 58 m. p. m., l.m.t., I set off 35° 35' N on the lat. arc; 23° 20' S. on the decl. arc; and determine a meridian with a solar. A point in the line just determined coincides with the true mer. determined by Polaris observation.

From these obsn. I conclude that the adjustments of the solar are satisfactory.

Dec. 18, 1912.

W.B.K.

W.B.K.

Dec. 19, 1912.

The East bdy. of T25N, R5W. being grossly in error, we subdivide the Tp. from S. to N. and from W. to E.

At 8 hrs. 16 m. a.m. l.m.t. I set off 35° 30' N. on the lat. arc; 23° 21' S. on the decl. arc; and determine a mer. with the solar at the standard cor. of secs. 31 and 32 on the S. bdy. of the Tp. (6th STANDARD PARALLEL NORTH) which is an iron post properly marked and witnessed as described by the Surveyor General.

Thence I run NO° 1' E., bet. secs. 31 and 32.

Over gently rolling land, through scattering timber and sagebrush.

Wash, 5 lks. wide, 3 ft. deep, course W.

Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground., for 1/4 sec. cor., marked on brass cap, 1912; S31 in W. and S32 in E. half;

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Wash, 4 lks. wide, 1 ft. deep, course W.

Road, brs. E. and W.

Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32., marked on brass cap, 1912;

T25N R5W in N. half;

S30 in NW.,

S29 in NE.,

S32 in SE. and

S31 in SW. quadrant; from which

A cedar, 9 ins. diam, brs. S85° W, 292 lks. dist., marked T25N R5W S31 BT.

A cedar, 10 ins. diam, brs. N. 37 1/2° W., 199 lks. dist., marked T25N R5W S30 BT.

No other trees within limits. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Land, level and rolling.

Soil, volcanic, rocky, 4th rate. Timber, scrub cedar.

Undergrowth, sagebrush.

39.15
40.00

63.13
66.75
80.00

2

Subdivision of T25N, R5W.

Chains.

40.00 West, on a random line, bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect W. bdy. of Tp., 6 lks. S. of the ^{old} cor. of secs. 25, 30, 31 and 32, which is an iron post, 3 ins.ⁿ diam. 12 ins. above ground, marked ^{on brass cap} and witnessed as described by the Surveyor General.

Thence I run
S89° 57' E., on a true line, bet. secs. 30 and 31.
Over gently rolling land, no timber.

5.20 Road, brs. N. and S.

25.60 Wash, 15 lks. wide, 2 ft. deep, course SW.

40.06 Set an iron post, 3 ft. long, 1 in.ⁿ diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S30 in N. and S31 in S. half

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

76.55 Road, brs. N. and S. Enter scattering timber, brs. N. and S.

80.12 ~~The~~ Cor. of secs. 29, 30, 31 and 32.
Land, level and rolling.
Soil, volcanic, rocky, 4th rate.
Timber, scattering cedar.
Undergrowth, sagebrush.

NOTE: At this corner I set off 23° 24 $\frac{1}{2}$ ' S on the decl. arc; and ^{at noon.} I observe the sun on the meridian. The resulting lat. is 35° 31 $\frac{1}{2}$ ' N which is slightly higher than the correct lat.

20.80 N0° 1' E., bet. secs. 29 and 30
Over gently rolling land through scattering timber
Wash, 5 lks. wide, .1 ft. deep, course SW.

21.70 Road, brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in.ⁿ diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S30 in W. and S29 in E. half; from which
A cedar, 5 ins.ⁿ diam, brs. S20 $\frac{1}{2}$ ' W, 179 lks. dist., marked $\frac{1}{4}$ S30 BT.
No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

65.20 Wash, 10 lks. wide, 2 ft. deep, course NW.

66.00 Asc. SW. slope 50 ft.

75.00 Top of asc. Thence over level land.

80.00 Set an iron post, 3 ft. long, 2 ins.ⁿ diam, 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30., marked on brass cap, 1912;
T25N R5W in N. half;
S19 in NW.,
S20 in NE.,
S29 in SE. and
S30 in SW quadrant, from which
A cedar, 10 ins. in diam, brs. N. 25° E., 184 lks. dist., marked T25N R5W S20 BT.
A cedar, 16 ins.ⁿ diam, brs. S32 $\frac{1}{2}$ ' E., 124 lks. dist., marked T25N R5W S29 BT.
A cedar, 6 ins.ⁿ diam, brs. S48 $\frac{3}{4}$ ' W, 92 lks. dist., marked T25 N R5W S30 BT.
A cedar, limb, 8 in.ⁿ diam, brs. N. 62° W, 19 lks. dist., marked T25N R5W S19 BT.
Land, level and rolling.
Soil, volcanic, rocky, 4th rate.
Timber, scrub cedar.
Undergrowth, sagebrush.

40.00 N89° 57' W., on a random line, bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect W. bdy. of Tp., 14 lks. S. of the ^{old} cor. of secs. 19, 24, 25 and 30., which is an iron post, 3 ins.ⁿ diam, 12. inches above ground, marked ^{on brass cap} and witnessed as described by the Surveyor General.

Chains.

Thence I run
 S89°51'E, on a true line bet. secs. 19 and 30.
 Over rocky, rolling land, through scattering cedar timber.
 Wash, 20 lks. wide, 3 ft. deep, course SW.
 2.45 Asc. rocky W. slope 50 ft.
 6.20 Top of ascent, thence over level land.
 15.00 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins in
 40.10 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912;
 $\frac{1}{4}$ S19 in N. and
 S30 in S. half; from which
 A cedar 8 ins in diam, brs. N, 56 $\frac{1}{2}$ ° W, 268 lks. dist., marked
 $\frac{1}{4}$ S19 BT.
 A cedar 24 ins in diam, brs. S8 $\frac{3}{4}$ ° E, 226 lks. dist., marked
 $\frac{1}{4}$ S30 BT.
 61.85 Wash 5 lks. wide, course SW.
 80.20 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, volcanic, 4th rate, very rocky.
 Timber, scattering cedar.
 Undergrowth, sagebrush.

14.85 N0°1'E bet., secs. 19 and 20.
 Over gently rolling land, through scattering cedar
 timber and undergrowth.
 Wash, 5 lks. wide, 1 ft. deep, course SW.; asc. SE. slope
 40 ft.
 22.00 Top of asc.; thence over level land.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912;
 $\frac{1}{4}$ S19 in W. and
 S20 in E. half; from which
 A cedar, 20 ins in diam, brs. S72° E, 102 lks. dist., marked
 $\frac{1}{4}$ S20 BT.
 A cedar, 10 ins in diam, brs. S. 8° W, 102 lks. dist., marked
 $\frac{1}{4}$ S19 BT.
 58.00 Desc. NW. slope 40 ft.
 66.55 Wash, 5 lks. wide, 2 ft. deep, course SW. Asc. SE slope
 90 ft.
 77.80 Top of asc. thence along E. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins in diam, 24 ins in the
 ground for cor. of secs. 17, 18, 19 and 20., marked
 on brass cap, 1912;
 T25N R5W in N. half;
 S18 in NW.,
 S17 in NE.,
 S20 in SE. and
 S19 in SW. quadrant; from which
 A cedar, 9 ins in diam, brs. N. 21° E, 292 lks. dist., marked
 T25N R5W S17 BT.
 A cedar, 10 ins in diam, brs. S. 68 $\frac{1}{2}$ ° E, 41 lks. dist., marked
 T25N R5W S20 BT.
 A Pinion, 8 ins in diam, brs. S31 $\frac{1}{4}$ ° W, 70 lks. dist., marked
 T25N R5W S19 BT.
 A cedar, 12 ins in diam, brs. N57° W, 168 lks. dist., marked
 T25N R5W S18 BT.
 Land, rolling and hilly.
 Soil, rocky, 4th rate.
 Timber, cedar and pinion.
 Undergrowth, sagebrush.

Dec. 19, 1912.

40.00 Dec. 20, 1912, At 8 hrs. 10 m. a.m., l.m.t., I set off
 80.14 35°33'N. on the lat. arc; 23°22'S. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 17, 18, 19 and 20, above described.
 Thence I run
 N89°51'W, on a random line, bet. secs. 18 and 19.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the W. bdy. of the Tp., at the cor. of secs.

Subdivision of T25N, R5W.

Chains.

13, 18, 19, and 24, which is an iron post, 3 ins. in dia., 12 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence I run
 S89° 51' E, on a true line, bet. secs. 18 and 19.
 Over rolling, rocky land through scattering cedar timber.

2.80 Asc. W. slope 100 ft.
 17.70 Thence along N. slope
 22.70 Asc. NW. slope 175 ft.
 36.45 Spur from rocky peak brs. N. and S. Peak brs. S. about 150 lks. dist.
 36.75 Top of cliff 20 ft. high.
 37.30 Foot of cliff.
 40.07 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, 1912; $\frac{1}{4}$ S18 in N. and $\frac{1}{4}$ S19 in S. half; from which
 A cedar, 12 ins. diam., brs. N. 35 $\frac{1}{4}$ ° W., 96 lks. dist., marked $\frac{1}{4}$ S18 BT.
 A cedar, 18 ins. diam., brs. S69° W., 24 lks. dist., marked $\frac{1}{4}$ S19 BT.
 Desc. E. slope 225 ft.
 56.00 Wash, 8 lks. wide, 2 ft. deep, course S. Thence over level land.
 66.35 Asc. W. slope 120 ft.
 76.14 Spur ridge, brs. N. and S.
 80.14 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous and hilly.
 Soil, rocky, volcanic, 4th rate.
 Timber, cedar.
 Undergrowth, sagebrush.
 Mountainous land 62 chains.

N0° 1' E, bet. secs. 17 and 18.
 Over gently rolling land, scattering timber and undergrowth.

6.00 Asc. SE. slope 35 ft.
 14.00 Top of asc.; thence over rolling land
 16.00 Desc. NE. slope 125 ft.
 28.10 Wash, 10 lks. wide, 3 ft. deep, course W. Asc. S. slope 100 ft.
 37.70 Enter heavy cedar timber, brs. E. and W.
 39.70 Top of asc. Thence over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S18 in W. and S17 in E. half; from which
 A cedar 9 ins. diam., brs. S67 $\frac{1}{2}$ ° E., 66 lks. dist., marked $\frac{1}{4}$ S17 BT.
 A cedar 7 ins. diam., brs. N. 12 $\frac{1}{2}$ ° W., 31 lks. dist., marked $\frac{1}{4}$ S18 BT.
 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap, 1912;
 T25N R5W in N. half
 S7 in NW.,
 S8 in NE.,
 S17 in SE. and
 S18 in SW. quadrant; from which
 A cedar, 9 ins. dia., brs. N. 68 $\frac{1}{4}$ ° E., 54 lks. dist., marked T25N R5W S8 BT.
 A cedar, 9 ins. dia., brs. S. 80° E., 18 lks. dist., marked T25N R5W S17 BT.
 A cedar, 7 ins. dia., brs. S45° W., 17 lks. dist., marked T25N R5W S18 BT.
 A cedar, 10 ins. diam., brs. N. 62 $\frac{1}{2}$ ° W., 29 lks. dist., marked T25N R5W S7 BT.
 Land, level and hilly.
 Soil, rocky, volcanic, 4th rate.
 Timber, scrub cedar and pinion.
 Undergrowth, sagebrush.
 Heavily timbered land, 42 chains.

NOTE: At this corner I set off 23° 25' S. on the decl. arc;

Chains	<p>and at noon. I observed the sun on the meridian. The resulting lat. is 35°34'N, which is the correct lat.</p>
40.00 80.18	<p>N89° 51'W, on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 14 lks. S. of the ^{old} cor. of secs. 7, 12, 13 and 18, which is an iron post, 3 insⁿ diam, 12 ins. above ground, marked ^{on brass cap} and witnessed as described by the Surveyor General.</p>
40.09	<p>Thence I run S89° 45'E, on a true line, bet. secs. 7 and 18 Over gently rolling land, through dense cedar timber and sagebrush undergrowth. Set an iron post, 3 ft. long, 1 in. in diam, 26 insⁿ in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$S7 in N. and $\frac{1}{4}$S18 in S. half; from which A cedar, 10 insⁿ diam, brs. N. 13° E, 19 lks. dist., marked $\frac{1}{4}$S7 BT. A cedar, 12 insⁿ diam, brs. S. 66° E, 62 lks. dist., marked $\frac{1}{4}$S18 BT.</p>
60.25 72.20 80.18	<p>Asc. W. slope 77 ft. Top of asc. Thence over rolling land. The cor. of secs. 7, 8, 17 and 18, Land level and rolling. Soil, volcanic, rocky, 4h rate. Timber, heavy scrub cedar and pinion. Undergrowth, sagebrush. Dec. 20, 1912.</p>
40.00	<p>Dec. 21, 1912, At 9h 54m a.m., l.m.t., I set off 35°34'N. on the lat. arc; 23°25$\frac{1}{2}$'S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 8, 17 and 18. Thence I run, N0° 1'E, bet. secs. 7 and 8. Over gently rolling land, through heavy cedar timber. Set an iron post, 3 ft. long, 1 in.ⁿ diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$S7 in W. and S8 in E. half; from which A cedar, 6 insⁿ diam, brs. S. 74° E, 12 lks. dist., marked $\frac{1}{4}$S8 BT. A cedar, 7 insⁿ diam, brs. S. 41° W, 11 lks. dist., marked $\frac{1}{4}$S7 BT.</p>
NOTE:	<p>The sky was overcast at noon, making an observation for lat. impossible. Dec. 21, 1912.</p>
60.00 77.00 80.00	<p>Dec. 22, 1912, At 8 hrs. 20 m. a.m., l.m.t., I set of 35°34$\frac{1}{2}$'N. on the lat. arc; 23° 23$\frac{1}{2}$'S on the decl. arc; and determine a mer. with the solar at the $\frac{1}{4}$ cor. bet. secs. 7 and 8, above described. Thence I continue N0° 1'E, bet. secs. 7 and 8. Leave heavy, enterscattering cedar timber, brs. E. and W. Enter heavy timber, brs. NE and SW. Set an iron post, 3 ft. long, 2 insⁿ diam, 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap, 1912; T25N R5W in N. half S6 in NW., S5 in NE., S8 in SE. and S7 in SW. quadrant; from which A cedar, 14 insⁿ diam, brs. S. 67$\frac{1}{2}$° E, 54 lks. dist., marked T25N R5W S8 BT. A cedar, 14 insⁿ diam, brs. S. 27$\frac{1}{4}$° W, 42 lks. dist., marked T25N R5W S7 BT. A cedar, 12 insⁿ diam, brs. N. 69$\frac{1}{2}$° W, 77 lks. dist., marked T25N R5W S6 BT. No other trees within limits. Rasie a mound of stone,</p>

6

Subdivision of T25N, R5W.

Chains.	2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, level. Soil, rocky, 4th rate, gumbo. Timber, heavy cedar and pinions.
40.00	N89° 45' W. on a random line, bet. secs. 6 and 7
80.16	Set temp. ¼ sec. cor. Intersect the W. bdy. of the Tp., 12 lks. S. of the ^{old} cor. of 1, 6, 7, and 12, which is an iron post, 3 ins. in diam., 12 ins. above ground, marked ^{on brass cap} and witnessed as described by the Surveyor General. Thence I run
21.95	S89° 40' E. on a true line, bet. secs. 6 and 7. Over level land, through scattering cedar timber. Wash, 5 lks. wide, 1 ft. deep, course SW. Asc. NW. slope 75 ft.
30.00	Top of asc.; thence over rolling land.
37.55	Enter heavy timber, brs. N. and S.
40.08	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S6 in N. and S7 in S. half; from which A cedar, 12 ins. in diam., brs. N. 65½° W., 55 lks. dist., marked ¼ S6 BT. A cedar, 18 ins. in diam., brs. S. 26½° W., 143 lks. dist., marked ¼ S7 BT.
80.16	The cor. of secs. 5, 6, 7 and 8. Land, level and rolling. Soil, volcanic, rocky, 4th rate. Timber, scatterin and heavy cedar and pinion.
	NO° 1' E., bet. secs. 5 and 6
	Over gently rolling land, through heavy timber and scattering undergrowth.
.50	Enter scattering timber, brs. NW. and SE.
28.80	Enter heavy timber, brs. E. and W.
34.75	Enter scattering timber, brs. NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S6 in W. and S5 in E. half; from which A cedar, 36 ins. in diam., brs. S. 14½° E., 208 lks. dist., marked ¼ S5 BT. A cedar, 18 ins. in diam., brs. S 77¾° W., 121 lks. dist., marked ¼ S6 BT.
75.01	Intersect N. bdy. of Tp., 3.58 chains E. of the cor. of secs. 31 and 32, T26N R5W, recently established by H.N. Bradstreet and described by him in Book "M" page 9 At the point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6 ^{T25N R5W} , marked on brass cap, 1912; CC, S. of center. T26N R5W, S31, S32, in N. half; S5 in SE. and S6 in SW. quadrant; from which A cedar, 30 ins. in diam., brs. S. 14½° W., 243 lks. dist., marked T25N R5W S6 BT. No other trees within limits. Raise a mound of stone 2 ft. base, 1 ft. high S. of cor. Pits imprac.
	Land, level. Soil, volcanic, very rocky, 4th rate. Timber, scattering and heavy, scrub cedar and pinion. Dec. 22, 1912. W.B.K.
	H.N.B. Dec. 21, 1912, At 10h. Orm. a.m., 1.m.t., I set off 35° 30½' N. on the lat. arc; 23° 25½' S. on the decl. arc; and determine a meridian with the solar (6TH STANDARD PARALLEL NORTH) on the S. bdy. of the Tp., which is an iron post, 3 ins. in diam., 12 ins. above ground, marked ^{on brass cap} and witnessed as described by the Surveyor General. Thence I run, NO° 1' E., bet. secs. 32 and 33.

Subdivision of T25N R5W.

Chains.

21.00 Over rolling land, through scattering cedar timber.
 Wash 25 lks. wide, 3 ft. deep, course WSW.
 40.00 Set an iron post, 3 ft. long, 1 in.ⁿdiam, 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,¹⁹¹²;
 $\frac{1}{4}$ S32 in W. and
 S33 in E. half;
 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 64.00 Enter heavy timber, brs. E. and W.
 74.00 Leave heavy timber, brs. E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins.ⁿdiam, 24 ins.
 in the ground, for cor. of secs. 28, 29, 32 and 33,
 marked on brass cap,¹⁹¹²;
 T25N R5W in N. half;
 S29 in NW.,
 S28 in NE.,
 S33 in SE., and
 S32 in SW. quadrant;
 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Land, rolling.
 Soil, rocky, 4th rate, gumbo.
 Timber, scattering and heavy cedar.
 NOTE- The sky was overcast at noon, making an observation
 for lat. impossible.

40.00 West, on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect the cor. of secs. 29, 30, 31 and 32,
 Thence I run
 East, on a true line, bet. secs. 29 and 32.
 Over rolling land. Asc. gradually.
 27.00 Wash, 20 lks. wide, 2 ft. deep, course SW.
 27.10 Road, brs. NE. and SW.
 40.00 Set an iron post, 3 ft. long, 1 in.ⁿdiam, 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,¹⁹¹²;
 $\frac{1}{4}$ S29 in N. and
 S32 in S. half; from which
 A cedar limb, 7 ins.ⁿdiam, brs. S. 78° E, 233 lks. dist.,
 marked $\frac{1}{4}$ S32 BT.
 No other trees within limits. Raise a mound of stone,
 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 80.00 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, very rocky, 4th rate.
 Timber, scattering cedar.
 Dec. 21, 1912.

Dec. 22, 1912, At 8 hrs. 37 m., a.m., l.m.t., I set
 off $35^{\circ}31\frac{1}{2}'$ N. on the lat. arc, $23^{\circ}24'$ S. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 28, 29, 32 and 33,
 Thence I run,
 $N0^{\circ}1'E$, bet. secs. 28 and 29.
 Over level rocky land.
 8.25 Road, brs. E. and W.
 34.00 Desc. N. slope 50 ft.
 37.50 Rocky gulch, course W. Asc. S. slope 70 ft.
 40.00 Set an iron post, 3 ft. long, 1 in.ⁿdiam, 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,¹⁹¹²;
 $\frac{1}{4}$ S29 in W. and
 S28 in E. half
 And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 48.00 Top of asc.; thence over rolling land.
 50.00 Enter scattering cedar timber, brs. NW. and SE.
 80.00 Set an iron post, 3 ft. long, 2 ins.ⁿdiam, 24 ins. in
 the ground., for cor. of secs. 20, 21, 28 and 29,
 marked on brass cap,¹⁹¹²;
 T25N R5W in N. half;
 S20 in NW.

Subdivision of T25N R5W.

Chains

S21 in NE.,
 S28 in SE. and
 S29 in SW. quadrant; from which
 A cedar limb, 12 ins.ⁿdiam, brs. N. 46 $\frac{1}{4}$ ° E, 512 lks. dist.,
 marked T25N R5W S21 BT.
 A cedar limb 12 ins.ⁿdiam, brs. S. 78 $\frac{3}{4}$ ° E, 217 lks. dist.,
 marked T25N R5W S28 BT.
 A cedar 10 ins.ⁿ in diam, brs. S. 35 $\frac{1}{2}$ ° W, 160 lks. dist.,
 marked T25N R5W S29 BT.
 A cedar limb, 10 ins.ⁿdiam, brs. N. 73 $\frac{1}{4}$ ° W 220 lks. dist.,
 marked T25N R5W S20 BT.
 Land, level and rolling.
 Soil, very rocky, 4th rate gumbo.
 Timber, scattering and heavy cedar.

40.00 West, on a random line, bet. secs. 20 and 29
 79.92 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 7 lks. S. of the cor. of
 secs. 19, 20, 29 and 30, which is an iron post
 Thence I run
 S89° 57' E., on a true line, bet. secs. 20 and 29.
 Over rolling rocky land.
 23.00 Enter timber, brs. N. and S.
 30.00 Draw, course SW. Leave timber brs. N. and S.
 39.96 Set an iron post, 3 ft. long, 1 in.ⁿ diam, 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 19/2;
 $\frac{1}{4}$ S20 in N. and
 S29 in S. half;
 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 43.40 Road, brs. NE. and SW.
 55.90 Enter timber, brs. N. and S.
 62.00 Leave timber, brs. N. and S.
 79.92 The cor. of secs. 20, 21, 28 and 29.
 Land rolling
 Soil, very rocky, 4th rate gumbo.
 Timber, scattering cedar and pinion.

NOTE: - At the cor. of secs. 20, 21, 28 and 29, I set off
 23° 25 $\frac{1}{2}$ ' S. on the decl. arc; and at noon
 I observed the sun on the meridian, the resulting
 lat. is 35° 32 $\frac{1}{2}$ ' N. which is slightly higher than
 the correct lat.
 Thence I run
 N0° 1' E., bet. secs. 20 and 21.
 Over rolling, rocky land.
 12.00 Enter timber, brs. E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in.ⁿ diam, 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 19/2;
 $\frac{1}{4}$ S20 in W. and
 S21 in E. half; from which
 A cedar, 15 ins.ⁿdiam, brs. N. 78 $\frac{3}{4}$ ° E, 307 lks. dist., marked
 $\frac{1}{4}$ S21 BT.
 A cedar limb 8 ins.ⁿdiam, brs. N. 23 $\frac{1}{2}$ ° W, 479 lks. dist.,
 marked $\frac{1}{4}$ S20 BT.
 80.00 Set an iron post, 3 ft. long, 2 ins.ⁿdiam, 24 ins. in the
 ground, for cor. of secs. 16, 17, 20 and 21, marked
 on brass cap, 19/2;
 T25N R5W in N. half;
 S17 in NW.,
 S16 in NE.,
 S21 in SE. and
 S20 in SW. quadrant; from which
 A cedar, 15 ins.ⁿdiam, brs. N. 65 $\frac{1}{4}$ ° E, 29 lks. dist., marked
 T25N R5W S16 BT.
 A cedar, 14 ins.ⁿdiam, brs. S21 $\frac{1}{2}$ ° E, 21 lks., dist., marked
 T25N R5W S21 BT.
 A cedar, 15 ins.ⁿdiam, brs. S55° W, 37 lks. dist., marked
 T25N R5W S20 BT.
 A cedar, 14 ins.ⁿdiam, brs. N17 $\frac{3}{4}$ ° W, 19 lks. dist., marked

Subdivision of T25N, R5W.

Chains.	<p>T25N R5W S17 BT. Land, level. Soil, rocky, 4th rate, gumbo. Timber, scattering and heavy cedar and pinion.</p>
<p>40.00 79.90</p> <p>24.75 25.30 39.95</p>	<p>N89° 57' W, on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. and S. line, 19 lks. N. of the cor. of secs. 17, 18, 19 and 20,</p> <p>Thence I run, N89° 55' E, on a true line, bet. secs. 17 and 20 Over rolling land, through scattering tomler and sage-brush undergrowth. Old road, brs. N. and S. Wash, 2 lks. wide, course S. Set an iron post, 3 ft. long, 1 in.^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 19/2; $\frac{1}{4}$S17 in N. and S20 in S. half; <i>from which</i> A cedar limb, 6 ins.^m diam, brs. N. 63$\frac{3}{4}$° W, 145 lks. dist., marked $\frac{1}{4}$S17 BT. A cedar limb, 15 ins.^m diam, brs. S17$\frac{1}{4}$° E, 50 lks. dist., marked $\frac{1}{4}$S20 BT.</p>
<p>66.35 70.00 79.90</p>	<p>Road, brs. N. and S. Draw, course SSW. Cor. of secs. 16, 17, 20 and 21. Land level and rolling. Soil, rocky, 4th rate, gumbo. Timber, scattering cedar and pinion. Dec. 22, 1912.</p>
<p>11.75 31.20 40.00</p> <p>58.00 64.00 80.00</p>	<p>Dec. 23, 1912. N0° 1' E., bet. secs. 16 and 17. Over rolling and rocky, land covered with cedar and pinion timber. Draw, course W. Road, NNE and SSW. Set an iron post, 3 ft. long, 1 in.^m diam, 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap, 19/2; $\frac{1}{4}$S17 in W. and S16 in E. half from which A cedar, 18 ins.^m diam, brs. S. 53$\frac{1}{2}$° E, 47 lks. dist., marked $\frac{1}{4}$S16 BT. A cedar, 10 ins.^m diam, N48$\frac{1}{4}$° W, 2 lks. dist., marked $\frac{1}{4}$S17 BT.</p>
	<p>Leave timber brs. E. and W. Enter timber, brs. E. and W. Set an iron post, 3 ft. long, 2 ins.^m diam, 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap, 19/2; T25N R5W in N. half; S8 in NW. S9 in NE., S16 in SE., and S17 in SW. quadrant; from which. A cedar, 15 ins.^m diam, brs. N. 75° E, 13 lks. dist., marked T25N R5W S9 BT. A cedar, 20 ins.^m diam, brs. S15$\frac{1}{4}$° E, 40 lks. dist., marked T25N R5W S16 BT. A cedar, 17 ins.^m diam, brs. S. 41° W, 73 lks. dist., marked T25N R5W S17 BT. A cedar, 20 ins.^m diam, brs. N59$\frac{1}{2}$° W, 17 lks. dist., marked T25N R5W S8 BT. Land, level and rolling. Soil, rocky, 4th rate, gumbo Timber, dense cedar and pinion. Heavily timbered land 74 chains.</p>
<p>40.00 79.90</p>	<p>S89° 55' W, on a random line, bet. secs. 8 and 17 Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. and S. line, 18 lks. S. of the cor. of</p>

Subdivision T25N, R5W.

Chains.	secs. 7, 8, 17 and 18.
39.95	Thence I run S89°57'E, on a true line, bet. secs. 8 and 17, over rolling land, through scattering cedar timber 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, 1912; $\frac{1}{4}$ S8 in N. and $\frac{1}{4}$ S17 in S. half; from which A cedar 13 ins. diam., brs. N. 42 $\frac{3}{4}$ ° E., 8 lks. dist., marked $\frac{1}{4}$ S8 BT. A cedar 14 ins. diam., brs. S. 27 $\frac{1}{2}$ ° W., 53 lks. dist., marked $\frac{1}{4}$ S17 BT.
56.00	Leave timber, brs. N. and S.
62.00	Enter timber, brs. N. and S.
79.90	The cor. of secs. 8, 9, 16, and 17. Land, level and rolling Soil, very rocky, 4th rate. Timber, heavy scrub cedar and pinion
24.00	N0°1'E, bet. secs. 8 and 9. Over rolling, rocky land, covered with dense cedar and pinion undergrowth. Leave timber brs. E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S8 in W. and S9 in E. half; from which A cedar limb, 8 ins. diam., brs. S. 42 $\frac{3}{4}$ ° E., 391 lks. dist., marked $\frac{1}{4}$ S9 BT. A cedar 15 ins. diam., brs. N. 66 $\frac{1}{2}$ ° W., 114 lks. dist., marked $\frac{1}{4}$ S8 BT.
80.00	Desc. slight NE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, marked on brass cap, 1912; T25N R5W in N. half, S5 in NW., S4 in NE., S9 in SE, and S8 in SW. quadrant; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and rolling. Soil, rocky 4th rate, gumbo. Timber, scattering cedar and pinion.
NOTE:---	At the cor. of secs. 4, 5, 8, and 9, above described, I set off 23°25'S on the decl. arc; and at noon, I observed the sun on the meridian. The resulting lat. is 35°35'N, which is slightly higher than the correct lat.
40.00	Thence I run, N89°57'W., on a random line, bet. secs. 5 and 8
79.95	Set temp. $\frac{1}{4}$ sec. cor. Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 5, 6, 7, and 8
5.00	Thence I run N89°57'E, on a true line, bet. secs. 5 and 8
29.00	Over rolling, rocky land Enter timber brs. N. and S.
39.975	Leave timber brs. N. and S. 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, 1912; $\frac{1}{4}$ S5 in N. and S8 in S. half; from which A pinion, 15 ins. diam., brs. N. 25 $\frac{3}{4}$ ° W., 136 lks. dist., marked $\frac{1}{4}$ S5 BT. A cedar, 12 ins. diam., brs. S. 24 $\frac{1}{2}$ ° E., 108 lks. dist., marked $\frac{1}{4}$ S8 BT.
42.00	Enter heavy timber, brs. N. and S.
71.00	Leave timber, brs. N. and S.

ROCK 2680

Subdivision of T25N, R5W.

11

Chains.
79.95

The cor. of secs. 4, 5, 8, and 9.
Land, level and rolling.
Soil, very rocky, 4th rate.
Timber, scattering and heavy scrub cedar and pinion.

30.00
39.75
40.00

46.00
65.00
75.07

NO° 1'E, bet. secs. 4 and 5. Desc. slight N. slope,
over rocky land
Desc. NW. slope 80 ft.
Gulch, course NE.; asc. slight SE. slope.
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, 1912;
 $\frac{1}{4}$ S 5 in W. and
S4 in E. half;
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
Top of asc., desc. NE. slope
Foot of desc. Thence over level land.
Intersect N. bdy. of the Tp., 3.49 chains E. of the
cor. of secs. 32 and 33, T26N, R5W, recently established
by me as described in Book "M" page 8.
At the point of intersection I set an iron post, 3
ft. long, 2 ins. diam, 24 ins. in the ground, for
closing cor. of secs. 4 and 5, ^{T25N, R5W} marked on brass cap, 1912;
CC, S. of center
T26N R5W, S32, S33, in N. half
S4 in SE. and
S5 in SW. quadrant;
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
S. of cor. Pits impracticable.
Land, level, rolling and hilly.
Soil, rocky 4th rate, gumbo.
Timber scattering scrub cedar.
Dec. 23, 1912.

9.00
24.00
40.00

45.00
50.00
60.00
66.00
80.00

Dec. 24, 1912, At 8 hrs. 30' m. a.m., l.m.t., I set
off $35^{\circ}30\frac{1}{2}'$ N. on the lat. arc; $23^{\circ}24'$ S. on the decl.
arc; and determine a meridian with the solar at the standard
corner of secs. 33 and 34, on the S. bdy. of the Tp.,
^(6TH STANDARD PARALLEL NORTH) which is an iron post 3 ins. diam, 12 ins. above ground,
marked ^{on brass cap} and witnessed as described by the Surveyor
General.
Thence I run,
NO2'E, bet. secs. 33 and 34.
Over rolling, rocky land, through scattering cedar
timber.
Draw, course WSW.
Leave scattering cedar, timber, brs. E. and W.
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, 1912;
 $\frac{1}{4}$ S33 in W. and
S34 in E. half; from which
A cedar limb, 15 ins. diam, brs. N67° E, 256 lks. dist.,
marked $\frac{1}{4}$ S34 BT.
A cedar limb, 12 ins. diam, brs. S87 $\frac{1}{4}$ ° W, 306 lks. dist.,
marked $\frac{1}{4}$ S33 BT.
Enter scattering timber, brs. E. and W.
Leave scattering timber, brs. E. and W.
Gulch, course W. Asc. S. slope 55. ft.
Top of asc. thence over rolling land.
Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the
ground, for cor. of secs. 27, 28, 33 and 34, marked
on brass cap, 1912;
T25N R5W in N. half;
S28 in NW.,
S27 in NE.,
S34 in SE. and
S33 in SW. quadrant;
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
Land, rolling.
Soil, rocky, 4th rate.

Subdivision of T25N, R5W.

Chains.	
	Timber and undergrowth, scattering cedar.
40.00	West, on a random line, bet. secs. 28. and 33
80.08	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 12 lks. S. of the cor. of secs. 29, 28, 32 and 33,
12.00	Thence I run S89°55'E, bet. secs. 28 and 33. Asc. slight W. slope over rocky ground. Top of asc., thence over level land.
40.04	Set an iron post 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S28 in N. and $\frac{1}{4}$ S33 in S. half; from which A cedar, 20 ins. in diam, brs. N53 $\frac{1}{4}$ °W, 259 lks. dist, marked $\frac{1}{4}$ S28 BT. A cedar, 30 ins. in diam, brs. S21 $\frac{1}{2}$ °E, 409 lks. dist., marked $\frac{1}{4}$ S33 BT.
80.08	The cor. of secs. 27, 28, 33 and 34. Land, level and rolling. Soil, very rocky, 4th rate. Timber, few scattering cedar trees.
20.00	N0°2'E, bet. secs. 27 and 28 Over rolling, rocky land. Draw, course W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S28 in W. and S27 in E. half from which A cedar limb, 10 ins. in diam, brs. N.22 $\frac{1}{4}$ °E, 290 lks. dist., marked $\frac{1}{4}$ S27 BT. No other trees within limits. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. A rock dam and water hole br. S73 $\frac{1}{4}$ °W, about 35 chains dist.
44.00	Desc. N. slope, 100 ft.
58.00	Rocky gulch, course W. Asc. S. slope 75 ft.
60.80	Top of small malpais butte. Desc. NE. slope 30 ft.
64.00	Gulch, course S.E. Asc. S. slope, 35 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked on brass cap, 1912; T25N R5W in N. half, S21 in NW., S22 in NE., S27 in SE., and S28 in SW. quadrant; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and hilly. Soil, very rocky, 4th rate, gumbo. Timber, few scattering cedar trees.
NOTE	At this corner, I set off 23°24'S. on the decl. arc; and at noon. I observe the sun on the meridian. The resulting lat. is 35°32 $\frac{1}{2}$ ' which is slightly higher than the correct lat.
40.00	N89°55'W, on a random line, bet. secs. 21 and 28, Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 20, 21, 28 and 29
40.02	Thence I run S89°53'E, on a true line bet. secs. 21 and 28, Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S21 in N. and S28 in S. half; from which

<p>Chains</p> <p>50.00</p> <p>66.15</p> <p>75.65</p> <p>80.04</p>	<p>A cedar, 10 ins.ⁿ diam, brs. N. $33\frac{3}{4}^{\circ}$ W, 80 lks. dist., marked $\frac{1}{4}$S21 BT.</p> <p>A cedar, 8 ins. in diam, brs. S. $56\frac{1}{4}^{\circ}$ W, 109 lks. dist., marked $\frac{1}{4}$S28 BT.</p> <p>Leave timber, brs., N. and S. Asc. gradual NW. slope.</p> <p>Saddle in ridge, brs. N. and S. Desc. E. slope 40 ft.</p> <p>Gulch, course S. Asc. W. slope 50 ft.</p> <p>The cor. of secs. 21, 22, 27 and 28.</p> <p>Land, level and hilly.</p> <p>Soil very rocky, 4th rate, gumbo.</p> <p>Timber, scattering and heavy cedar.</p>
<p>11.90</p> <p>14.00</p> <p>38.00</p> <p>40.00</p> <p>80.00</p>	<p>NO 2'E, bet. secs. 21 and 22. Asc. over very rocky SW. slope, 135 ft.</p> <p>Foot of cliff, 30 ft. high, brs. NNW and SSE.</p> <p>Enter heavy cedar timber, brs. NNW and SSE. Thence over level land.</p> <p>Leave timber, brs. E. and W.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$S21 in W. and S22 in E. half; from which</p> <p>A cedar, 36 ins. in diam, brs. S. $77\frac{1}{4}^{\circ}$ E, 133 lks. dist., marked $\frac{1}{4}$S22 BT.</p> <p>A cedar, 50 ins.ⁿ diam, brs. N $11\frac{3}{4}^{\circ}$ W, 187 lks. dist., marked $\frac{1}{4}$S21 BT.</p> <p>Set an iron post, 3 ft. long, 2 ins.ⁿ diam, 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22., marked on brass cap, 1912; T25N R5W in N. half; S16 in NW., S15 in NE., S22 in SE., and S21 in SW. quadrant; from which</p> <p>A cedar, 36 ins.ⁿ diam, brs. S $58\frac{1}{2}^{\circ}$ W, 127 lks. dist., marked T25N R5W S21 BT. No other trees within limits. Raise a mound of stone 2ft base</p> <p>Land, level and hilly. $\frac{1}{2}$ ft. high West of cor. Pits imprac.</p> <p>Soil, rocky, 4th rate, gumbo.</p> <p>Timber, dense cedar and pinion.</p> <p style="text-align: right;">Dec. 24, 1912.</p>
<p>40.00</p> <p>80.07</p> <p>31.00</p> <p>40.035</p> <p>58.00</p> <p>63.00</p> <p>72.00</p> <p>80.07</p>	<p>Dec. 26, 1912.</p> <p>N $89^{\circ} 53'$ W, on a random line, bet. secs. 16 and 21.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line, 14 lks. N. of the cor. of secs. 16, 17, 20 and 21,</p> <p>Thence I run</p> <p>S $89^{\circ} 59'$ E, on a true line, bet. secs. 16 and 21.</p> <p>Over gently rolling land, through heavy cedar timber.</p> <p>Leave timber, brs. N. and S.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$S16 in N. and S21 in S. half; from which</p> <p>A cedar, 5 ins.ⁿ diam, brs. N $42\frac{3}{4}^{\circ}$ E, 65 lks. dist., marked $\frac{1}{4}$S16 BT.</p> <p>A cedar limb, 6 ins.ⁿ diam, brs. S $38\frac{3}{4}^{\circ}$ E, 228 lks. dist., marked $\frac{1}{4}$S21 BT.</p> <p>Enter cedar timber, brs. N. and S.</p> <p>Head of gulch, course NW.</p> <p>Leave cedar timber, brs. N. and S.</p> <p>The cor. of secs. 15, 16, 21 and 22.</p> <p>Land, level and rolling.</p> <p>Soil, very rocky 4th rate gumbo.</p> <p>Timber, scattering and heavy cedar and pinion.</p> <p>Heavily timbered land 45 chains.</p>

Subdivision of T25N, R5W.

Chains.	<p>NOTE: At 9 hrs. 30 m. a.m., l.m.t., I set off $35^{\circ}33'N$. on the lat. arc; $23^{\circ}20\frac{1}{2}'S$ on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 15, 16, 21, 22.</p> <p>Thence I run $NO^{\circ}2'E$, bet. secs. 15 and 16 Over rolling land.</p>
5.00	Enter cedar timber brs. E. and W.
28.00	Leave timber brs. NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins, in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}S16$ in W. and $S15$ in E. half; from which A cedar, 10 ins. ^m diam, brs. S. $35\frac{1}{2}^{\circ}W$, 232 lks. dist., marked $\frac{1}{4}S16$ BT. No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Desc. NE. slope.
50.00	Draw, course NW. Asc. SW. slope.
58.00	Top of ascent, spur ridge, brs. NW. and SE. Desc. NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. ^m diam, 26 ins, in the ground, for cor. of secs. 9, 10 15 and 16, marked on brass cap, 1912; T25N R5W in N. half; S9 in NW., S10 in NE., S15 in SE., and S16 in SW. quadrant; and Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and rolling. Soil, rocky, 4th rate, gumbo. Timber, scattering scrub cedar.
	NOTE:— At this corner, I set off, $23^{\circ}20\frac{1}{2}'S$. on the decl. arc; and at noon I observed the sun on the mer. The resulting lat. is $35^{\circ}34'N$., which is the correct lat.
40.00	$N89^{\circ}59'W$., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 8, 9, 16 and 17.,
	Thence I run, East, on a true line, bet. secs. 9 and 16. Over rolling land, through heavy cedar timber.
30.00	Leave timber brs. N. and S.
38.55	Road, brs. NE. and SW.
39.99	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins, in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}S9$ in N. and $S16$ in S. half; from which A cedar, 6 ins. ^m diam, brs. $S12\frac{1}{2}^{\circ}W$., 246 lks. dist., marked $\frac{1}{4}S16$ BT. No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
60.00	Desc. gentle NE. slope
66.00	Draw, course NW.
79.98	The cor. of secs. 9, 10, 15 and 16. Land, level and rolling. Soil, rocky, 4th rate, gumbo. Timber, scattering cedar and pinion
	$NO^{\circ}2'E$, bet. secs. 9 and 10. Over rolling land Draw, course NW. Asc. gradually.
8.00	Top of asc.; thence over level land.
30.00	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins, in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}S9$ in W. and
40.00	

Subdivision T25N, R5W.

Chains.

S10 in E. half; from which
 A cedar, 30 ins. dia., brs. S. 67° W., 196 lks. dist., marked
 1/4 S9 BT.
 No other trees within limits. Raise a mound of stone,
 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Desc. gradual NW. slope.
 Draw, course NW. Asc. gradual slope.
 Top of ascent, thence over rolling land.
 Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the
 ground, for cor. of secs. 3, 4, 9 and 10., marked on
 brass cap, 1912;
 T25N R5W in N. half
 S4 in NW.,
 S3 in NE.,
 S10 in SE. and
 S9 in SW. quadrant; from which
 A cedar, 15 ins. diam, brs. N37 1/4° E., 189 lks. dist., marked
 T25N R5W S3 BT.
 No other trees within limits. Raise a mound of stone,
 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Land, rolling.
 Soil, rocky, 4th rate, gumbo.
 Timber, few scattering cedartrees.

52.00
66.00
80.00

West, on a random line, bet. secs. 4 and 9.
 Set temp. 1/4 sec. cor.
 Intersect the N. and S. line, 2 lks. N. of the cor.
 of secs. 4, 5, 8 and 9,

40.00
79.98

Thence I run
 N89° 59' E, on a true line, bet. secs. 4 and 9.
 Over rolling, rocky land.
 Enter timber, brs. N. and S.
 Leave timber, brs. N. and S. Desc. NE. slope 70 ft.
 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap, 1912;
 1/4 S4 in N. and
 S9 in S. half; from which
 A cedar, 15 ins. diam, brs. N. 11 1/2° W., 182 lks. dist.,
 marked 1/4 S4 BT.
 A cedar, 15 ins. diam, brs. S3° W., 307 lks. dist., marked
 1/4 S9 BT.

22.00
26.00
39.99

Foot of descent, thence across level valley.
 Wash, 40 lks. wide. course NW.
 Road, brs. NW. and SE.
 The cor. of secs. 3, 4, 9, and 10.
 Land level and hilly.
 Soil, rocky, 4th rate, gumbo.
 Timber, scattering cedar.

52.00
54.00
57.60
79.98

Dec. 26, 1912.

Dec. 27, 1912. At 8:00 a.m., 1.m.t., I set off 35° 35' N. on
 the lat. arc; 23° 16' S. on the decl. arc, and determine
 a mer. with the solar at the cor. of secs. 3, 4, 9,
 and 10.

Thence I run
 N0° 2' E., bet. secs. 3, and 4.
 Over rolling land.
 Draw, course NW.
 Enter timber, brs. NNE. and SSW.
 Leave timber, brs. E. and W.
 Enter timber, brs. NW. and SE.
 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap, 1912;
 1/4 S4 in W. and
 S3 in E. half; from which
 A cedar, 28 ins. diam, brs. N. 86 1/4° E., 28 lks. dist., marked
 1/4 S3 BT.
 A cedar, 10 ins. diam, brs. S. 85 1/4° W., 44 lks. dist., marked
 1/4 S3 BT.
 Leave timber, brs. NE. and W.
 Draw, course NW.

1.00
4.00
12.00
36.00
40.00

44.00
48.00

16

Subdivision of T25N.R5W.

Chains.	
73.00	Road, to Johnson's and Murphey's Dam, brs. NE. and SW.
73.25	Wash, 15 lks. wide 3 ft. deep, course WSW.
75.05	Intersect N. bdy of T26N R5W, recently established by me as described in Book "M", page 8. At the point of intersection, I set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the ground, for closing cor. of secs. 3 and 4, marked on brass cap, 1912; CC, S. of center T26N R5W, S33, S34, in N. half. S3 in SE. and S4 in SW. quadrant; And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Land, rolling. Soil, rocky, 4th rate, gumbo. Timber, scattering scrub cedar. Dec. 27, 1912.
	<i>H.N.B.</i>
	<i>W.B.K.</i>
	Dec. 26, 1912. At 9 hrs. 05 m., a.m., l.m.t. I set off 35°30½' N. on the lat. arc; 23°20' S. on the decl. arc; and determine a meridian with the solar at the standard cor. secs. 34 and 35, which is an iron post, 3 ins. diam, 12 ins. above ground, marked and witnessed as described by the Surveyor General. Thence I run NO°3'E., bet. secs. 34 and 35, Over gently rolling land.
36.00	Enter scattering timber, brs. E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S34 in W. and ¼ S35 in E. half; from which A cedar, 30 ins. diam, brs. S85°E., 363 lks. dist., marked ¼ S35 BT. Wash, 1 ft. wide, 6 ins. deep, course W.
61.48	Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the ground, for cor. of secs. 25, 27, 34 and 35, marked on brass cap, 1912; T25N R5W in N. half; S27 in NW., S26 in NE., S35 in SE. and S34 in SW quadrant; from which A cedar, 30 ins. diam, brs. N1¼E., 176 lks. dist., marked T25N R5W S26 BT.
80.00	No other trees within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Soil, volcanic, very rocky, 4th rate. Land rolling. Timber scattering scrub cedar.
40.00	West, on a random line, bet. secs. 27 and 34. Set temp. ¼ sec. cor.
80.30	Intersect N. and S. line, 4 lks. S. of the cor. of secs. 27, 28, 33 and 34, Thence I run, S89°58'E., on a true line, bet. secs. 27 and 34. Over rolling, rocky land.
40.15	Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S27 in N. and ¼ S34 in S half and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
50.00	Enter scattering timber, brs. NE. and SW.
75.00	Ditch, 1 ft. wide, 6 ins. deep, course N5°W.
80.30	The cor. of secs. 26, 27, 34 and 35. Land, level and rolling. Soil, rocky, 4th rate. Timber, scattering scrub cedar.

Subdivision of T25N, R5W.

Chains.

NO°3'E, bet. sec. 26 and 27.
 Over rolling land, through scattering cedar timber.
 1.28 Ditch, 1 lk. wide, 6 ins. deep, course NW.
 1.77 A cedar tree, 36 ins. dia, on line.
 14.65 Ditch, 1 lk. wide, 6 ins. deep, course NW.
 25.81 Ditch, 1 lk. wide, 6 ins. deep, course NW.
 38.90 Ditch, 1 lk. wide, 6 ins. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1912; 1/4 S27 in W. and 1/4 S26 in E. half;
 And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 42.57 Ditch, 1 lk. wide, 6 ins. deep, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap, 1912;
 T25N R5W in N. half
 S22 in NW.,
 S23 in NE.,
 S26 in SE., and
 S27 in SW. quadrant; from which
 A cedar, 10 ins. diam, brs. N. 85° E., 67 lks. dist., marked T25N R5W S23 BT.
 A cedar, limb 12 ins. diam brs. S74 1/2° E., 205 lks. dist., marked T25N R5W S26 BT.
 A cedar, 8 ins. diam, brs. N. 57 1/2° W., 180 lks. dist., marked T25N R5W S22 BT.
 No other trees within limits. Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Land, level and rolling.
 Soil, volcanic, rocky, 4th rate.
 Timber, scattering scrub cedar.
 Undergrowth, sagebrush.
 NOTE:— At this corner, I set off 23° 20 1/2' S on the decl. arc; and at noon, I observe the sun on the meridian, the resulting lat. is 35° 32 1/2' N, which is only 0.2' greater than the correct lat.

40.00 N89° 58' W, on a random line, bet. secs. 22, and 27.
 Set temp. 1/4 sec. cor.
 80.40 Intersect N. and S. line, 4 lks. N. of the cor. of secs. 21, 22, 27 and 28.,
 Thence I run,
 East, on a true line, bet. secs. 22, and 27.
 Asc. rocky, SW. slope 100 ft.
 14.40 Top of asc., thence over rolling land.
 40.20 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1912; 1/4 S22 in N. and 1/4 S27 in S. half;
 And raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
 44.45 Enter timber, brs. N. and S. Desc. SE. slope, 60 ft.
 64.40 Slope changes to NE.
 67.00 Foot of descent, thence over level land.
 80.40 The cor. of secs. 22, 23, 26 and 27.
 Land level and rolling.
 Soil, volcanic, very rocky, 4th rate.
 Timber, scattering scrub cedar.
 Undergrowth, sagebrush.

Dec. 26, 1912.

Dec. 27, 1912. At 8h 04m. a.m., l.m.t., I set off 35° 32 1/2' N. on the lat. arc; 23° 15' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 22, 23, 26 & 27.
 Thence I run
 NO° 3' E., bet. secs. 22 & 23.
 Over gently rolling land, through scattering cedar timber.

Subdivision of T25N,R5W.

6.00	Asc. S slope, 65 ft .
14.00	Top of asc.; thence over level land.
18.00	Desc. NE slope, 80 ft.
28.00	Foot of desc.; thence over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap, ¹⁹¹² ; $\frac{1}{4}$ S22 in W., and S23 in E half; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
80.00	Set an iron post, 3 ft. long, 2 ins. ^m diam, 24 ins. in the ground, for cor. of secs. 14, 15, 22 & 23, marked on brass cap, ¹⁹¹² ; T25NR5W in N. half; S15 in NW, S14 in NE, S23 in SE. and S22 in SW. quadrant, And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and hilly. Soil, volcanic, very rocky, 4th rate. Timber, Scattering and heavy scrub cedar.
40.00	West, on a random line, bet. secs. 15 & 22. Set temp. $\frac{1}{4}$ sec. cor.
80.34	Intersect N. & S. line, 21 lks. S of the cor. of secs. 15, 16, 21 and 22, Thence 1 run S89° 51' E., on a true line, bet. secs. 15 and 22. Over rolling land, through scattering cedar timber.
30.30	Desc. NE slope, 110 ft.
40.17	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, ¹⁹¹² ; $\frac{1}{4}$ S 15 in N. and S22 in S. half; from which A cedar, 10 ins. ^m diam, brs. N80 $\frac{1}{4}$ ° W., 264 lks. dist., marked $\frac{1}{4}$ S 15 BT. A cedar, 10 ins. ^m diam, brs. S80 $\frac{1}{2}$ ° E., 151 lks. dist., marked $\frac{1}{4}$ S22 BT.
50.40	Foot of desc., thence over level land.
80.34	The cor. of secs. 14, 15, 22, and 23. Land, rolling and hilly. Soil, volcanic, rocky 4th rate. Timber, scattering scrub cedar.
16.00	N0° 3' E. bet. secs. 14 and 15. Over gently rolling land, through scattering timber. Enter heavy timber, brs. NE. and SW.
20.00	Leave heavy timber, brs. E. and W.
34.80	Wash, 5 lks. wide, 2 ft. deep, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor, marked on brass cap, ¹⁹¹² ; $\frac{1}{4}$ S15 in W. and S14 in E. half; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
50.00	Asc. S. slope 95 ft.
60.00	Enter heavy timber brs. E. and W.
77.90	Leave heavy timber, brs. E. and W.
78.90	Top of ascent.
80.00	Set an iron post, 3 ft. long, 2 ins. ^m diam, 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap, ¹⁹¹² ; T25N R5W in N. half; S10 in NW., S11 in NE., S14 in SE., and S15 in SW. quadrant; from which A cedar limb, 8 ins. ^m diam, brs. N.6° E., 107 lks. dist., marked T25N R5W S11 BT. A cedar, 8 ins. ^m diam, brs. S43 $\frac{1}{2}$ ° E., 59 lks. dist., marked T25N R5W S14 BT.

Subdivision of T25N,R5W.

Chains.

A cedar, 8 ins.ⁿdiam, brs. S85 $\frac{1}{4}$ ° W, 113 lks. dist., marked T25N R5W S15 BT.

A cedar, 6' ins.ⁿdiam, brs. N75 $\frac{1}{4}$ ° W, 120 lks. dist., marked T25N R5W S10 BT.

Land, rolling and hilly.

Soil, volcanic, very rocky, 4th rate.

Timber, scattering scrub cedar.

NOTE-

At this corner, I set off 23° 18' S. on the decl. arc; and at noon. I observe the sun on the mer. The resulting lat. is 35° 34' N, which is the correct lat.

40.00

N89° 51' W, on a random line, bet. secs. 10 and 15.

80.36

Set temp. $\frac{1}{4}$ sec. cor. 80

Intersect N. and S. line, 26 lks. N. of the cor. of secs. 9, 10, 15 and 16.,

Thence I run

N89° 58' E, on a true line, bet. secs. 10 and 15

Over rolling, rocky land.

14.40

Draw, course NW.

20.50

Asc. a gradual, SW. slope

31.00

Wash, 3 lks. wide, 6 ins. deep, course SW.

40.18

Set an iron post, 3 ft. long, 1 in.ⁿdiam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., maked on brass cap, 1912; $\frac{1}{4}$ S10 in N. and S15 in S. half;

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

Continue gradual ascent of SW. slope.

66.40

Top of ascent. Enter timber brs. N. and S.

80.36

The cor. of secs. 10, 11, 14 and 15.

Land rolling.

soil, volcanic, rocky, 4th rate.

Timber and undergrowth, scattering scrub cedar.

Dec. 27, 1912.

Dec. 28, 1912, At 7 hrs. 53 m., a.m., l.m.t., I set off 35° 34' N. on the lat. arc; 23° 13' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 and 15,

Thence I run

N0° 3' E, bet. secs. 10 and 11.

Over gently rolling land, through scattering timber.

18.00

Desc. N. slope, 55 ft.

34.20

Wash, 10 lks. wide, 1 ft. deep, course W.

Asc. S. slope 35 ft.

40.00

Set an iron post, 3 ft. long, 1 in.ⁿdiam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S10 in W. and S11 in E. half; from which

A cedar, 12 ins. ⁿdiam, brs. S68 $\frac{1}{4}$ ° E, 202 lks. dist., marked $\frac{1}{4}$ S11 BT.

A cedar 6 ins.ⁿdiam, brs. N51° W, 214 lks. dist., marked $\frac{1}{4}$ S10 BT.

48.00

Top of ascent Thence over rolling land.

63.90

Wash, 5 lks. wide, 1 ft. deep, course W.

68.00

Enter heavy timber, brs. E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins.ⁿdiam, 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap, 1912;

T25N R5W in N. half;

S3 in NW.,

S2 in NE.,

S11 in SE., and

S10 in SW. quadrant; from which

A pinion 8 ins.ⁿdiam, brs. N25° E., 39 lks. dist., marked T25NR5W S2 BT.

A pinion, 14 ins.ⁿdiam, brs. S. 46° E, 44 lks. dist., marked T25N R5W S11 BT.

A pinion, 8 ins.ⁿdiam, brs. S67 $\frac{1}{4}$ ° W, 45 lks. dist., marked T25N R5W S10 BT.

20

Subdivision T25N, R5W.

Chains	
	A cedar, 10 ins ^m diam, brs. N17° W, 33 lks. dist., marked T25N R5W S3 BT. Land, rolling and hilly. Soil very rocky, 4th rate. Timber, scattering cedar and pinion.
40.00	S89° 58' W, on a random line, bet. secs. 3 and 10.
80.40	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 6 lks. N. of the cor. of secs. 3, 4, 9 and 10,
	Thence I run
15.00	N89° 55' E, on a true line, bet. secs. 3, and 10. Over rolling land, through scattering cedar timber. Enter heavy timber, brs. N. and S. Asc. SW. slope 70 ft.
18.00	Top of asc.; thence over level land.
40.20	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 912; $\frac{1}{4}$ S3 in N. and $\frac{1}{4}$ S10 in S. half; from which A cedar, 8 ins ^m diam, brs. N. 55 $\frac{1}{2}$ ° W, 21 lks. dist., marked $\frac{1}{4}$ S3 BT. A pinion, 6 ins ^m diam, brs. S56° E, 45 lks. dist., marked $\frac{1}{4}$ S10 BT.
42.10	Wash, 3 lks. wide, 6 ins. deep, course NW. Asc. W. slope 220 ft.
72.40	Top of ascent, thence over level land.
80.40	The cor. of secs. 2, 3, 10 and 11. Land rolling and hilly. Soil, rocky, 4th rate. Timber, scrub cedar and pinion.
NOTE	At this corner I set off 23° 15 $\frac{1}{2}$ ' S on the decl. arc and at noon. I observe the sun on the meridian. The resulting lat. is 35° 35' N which is slightly higher than the correct lat.
	<hr/>
32.00	N0° 3' E, bet. secs. 2 and 3. Over gently rolling land through heavy cedar timber. Desc. N. slope 100 ft.
40.00	Leave heavy timber, enter scattering timber, brs. E. & W. Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 912; $\frac{1}{4}$ S3 in W. and S2 in E. half; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Dec. 28, 1912.
	Jan. 2, 1913.
44.30	Desc. N. slope 35 ft.
46.00	Draw, course SW. Asc. SE. slope 140.
55.80	Enter heavy timber, brs. E. and W.
55.93	Foot of perpendicular cliff, 25 ft. high.
60.00	Top of cliff.
63.70	Desc. N. slope 40 ft.
65.70	Leave heavy timber, brs. E. and W.
75.03	Foot of desc.; thence over rolling land. Intersect N. bdy. of Tp., 3.90 chains E. of the cor. of secs. 34 and 35, T26N R5W, recently established by H. N. Bradstreet as described in Book "M", page 7 At the point of intersection, I set an iron post, 3 ft. long, 2 in. ^m diam, 24 ins. in the ground, for closing cor. of secs. 2 and 3, T25N R5W, marked on brass cap, 1913; CC, S. of center T26N R5W, S34, S35, in N. half; S2 in SE. and S3 in SW. quadrant; And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor. Pits impracticable. Land, rolling and hilly. Soil, very rocky, 4th rate. Timber, scattering and heavy cedar and pinion. Jan. 2, 1913.

Chains

Dec. 23, 1912, At 8 hrs. 32 m. a.m., l.m.t., I set off 35°30' N. on the lat. arc; 23°24' S. on the decl. arc; and determine a meridian with the solar at the standard corner of secs. 35 and 36, which is an iron post, 3 in. diam; 12 ins. above ground, marked and witnessed as described by the Surveyor General.

4.00
17.90
25.90
30.00
37.85
40.00

Thence I run N0°3'E, bet. secs. 35 and 36. Over hilly land, through scattering cedar timber. Wash, 8 lks. wide, 6 ins. deep, course W. Asc. S. slope 100 ft. Spur ridge brs. E. and W. Desc. N. slope 45 ft. Foot of desc. Asc. S. slope 45 ft. Top of ascent, thence over rolling land. Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground,

for 1/4 sec. cor., marked on brass cap, 1912; 1/4 S35 in W. and 1/4 S36 in E. half; from which A cedar, 6 in. diam, brs. N54°E, 88 lks. dist., marked 1/4 S36 BT. A cedar, 8 in. diam, brs. S22 1/4°W, 79 lks. dist., marked 1/4 S35 BT.

44.00
57.80
77.30
80.00

Desc. N. slope, 255 ft. Slope changes to NW. Foot of desc.; thence over rolling land. Set an iron post, 3 ft. long, 2 in. diam, 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap, 1912; T25N R5W in N. half; S26 in NW., S25 in NE., S36 in SE., and S35 in SW. quadrant; And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Land, mountainous and hilly. Soil, volcanic, very rocky, 4th rate. Timber, scattering scrub cedar. Mountainous land 18 chains.

Dec. 23, 1912.

40.00
80.12

Dec. 26, 1912. West, on a random line, bet. secs. 26. and 35. Set temp. 1/4 sec. cor. Intersect N. and S. line, 19 lks. N. of the cor. of sec. 26, 27, 34 and 35,

2.20
31.50
40.06

Thence I run N89°52'E, on a true line, bet. secs. 26 and 35. Over gently rolling land, thru scattering cedar timber Ditch, 2 lks. wide, 6 ins. deep, course NW. Wash, 5 lks. wide, course NW. Asc. SW. slope 60 ft. Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1912; 1/4 S26 in N. and 1/4 S35 in S. half; from which A cedar, 10 in. diam, brs. N. 32 1/4° E, 289 lks. dist., marked 1/4 S26 BT. A cedar, 12 in. diam, brs. S. 65 1/4° E, 240 lks. dist., marked 1/4 S35 BT.

44.00
74.00
80.12

Top of ascent, thence over rolling land. Wash, 10 lks. wide, 1 ft. deep, course NW. Asc. SW. slope 45 ft. The cor. of secs. 25, 26, 35 and 36. Land, rolling and hilly. Soil, volcanic, very rocky, 4th rate. Timber, scrub cedar. Undergrowth, sagebrush.

Dec. 26, 1912.

Subdivision of T25N, R5W.

Cha ins.	
	Dec. 23, 1912.
	Knowing from retracement of the East bdy. that it will be necessary to set closing corners on it, I run East, on a true line, bet. secs. 25 and 36.
	Over rolling land, through scattering cedar timber.
3.00	Asc. SW. slope 80. ft.
13.90	Top of rocky, knoll. Desc. E. slope 110 ft.
25.80	Foot of desc., thence over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S25 in N. and S36 in S. half; from which
	A cedar, 7 ins. ^m diam, brs. N. $86\frac{3}{4}^{\circ}$ W., 99 lks. dist., marked $\frac{1}{4}$ S25 BT.
	A cedar, 16 ins. ^m diam, brs. S $79\frac{1}{2}^{\circ}$ W., 248 lks. dist., marked $\frac{1}{4}$ S36 BT.
46.00	Asc. W. slope 60 ft.
53.00	Top of ascent, thence over rolling land.
76.00	Desc. SE. slope 40 ft. (FIRST GUIDE MERIDIAN WEST)
79.96	Intersect E. bdy. of T ^{25N} at a point from which the old cor. of secs. 25, 30, 31 & 36 brs. S $2^{\circ} 13'$ E., 3.40 chains dist. This old cor. of secs. 25, 30, 31 and 36 is a malpais stone, 8X20X14 ins above ground, which I alter to refer to secs. 30 and 31 ^{T^{25N} R^{5W}} only by obliterating the bearing trees in secs. W. of line.
	At the point of intersection, set an iron post, 3 ft. long, 2 ins. ^m diam, 24 ins. in the ground, for closing cor. of secs. 25 and 36, ^{T^{25N} R^{5W}} marked on brass cap, 1912; CC, E. of center; T25N in N. and S30, S31, R4W in E. half; S25 in NW. and S36, R5W, in SW. quadrant; from which
	A cedar, 6 ins. ^m diam, brs. N $85\frac{1}{4}^{\circ}$ W., 150 lks. dist., marked T25N R5W S25 BT.
	A cedar, 18 ins. ^m diam, brs. S $79\frac{3}{4}^{\circ}$ W., 147 lks. dist., marked T25N R5W S36 BT.
	Land, rolling and hilly. Soil, rocky, 4th rate gumbo. Timber, scrub cedar. Undergrowth, sagebrush.

	NOTE — At the cor. of secs. 25, 26, 35 and 36, I set off 23° 25' S. on the decl. arc; and at noon I observe the sun on the meridian; the resulting lat. is 35° 21 $\frac{1}{2}$ ' N., which is the correct lat. N $0^{\circ} 3'$ E., bet secs. 25 and 26.
4.00	Over rolling land, through scattering cedar timber.
36.00	Desc. NW slope, 60 ft.
40.00	Foot of desc; thence over level land.
	Set an iron post, 3 ft. long, 1 in. ^m diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S26 in W., and S25 in E. half; from which
	A cedar, 10 ins. ^m diam, brs. S 16° E., 47 lks. dist., marked $\frac{1}{4}$ S25 BT.
	A cedar, 8 ins. ^m diam, brs. S $30\frac{1}{4}^{\circ}$ W., 11 lks. dist., marked $\frac{1}{4}$ S26 BT.
80.00	Set an iron post, 3 ft. long, 2 ins. ^m diam, 24 ins. in the ground, for cor. of secs. 23, 24, 25 & 26, marked on brass cap, 1912; T25N R5W in N. half; S23 in NW., S24 in NE., S25 in SE., and S26 in SW. quadrant; from which
	A cedar, 18 ins. ^m diam, brs. N $59\frac{1}{2}^{\circ}$ E., 188 lks. dist., marked T25N R5W S24 BT.
	A cedar, 8 ins. ^m diam, brs. S $1\frac{1}{2}^{\circ}$ E., 159 lks. dist., marked T25N R5W S25 BT.
	A cedar, 20 ins. ^m diam, brs. S $41\frac{3}{4}^{\circ}$ W., 61 lks. dist., marked T25N R5W S26 BT.

Chains.	No other trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, rolling and hilly. Soil, volcanic rocky, 4th rate. Timber, scrub cedar. Undergrowth, sagebrush.
40.00	S89° 52' W., on a random line, bet. secs. 23 and 26. Set temp. ¼ sec. cor. Dec. 23, 1912.
80.26	Dec. 26, 1912. Intersect N. and S. line, 9 lks. S. of the cor. of secs. 22, 23, 26 and 27, Thence I run N89° 56' E., on a true line, bet. secs. 23 and 26. Over gently rolling land, through scattering cedar timber.
40.13	Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S23 in N. and S26 in S. half; from which A cedar, 30 ins. dia., brs. S. 68° E., 264 lks. dist., marked ¼ S26 BT.
80.26	The cor. of secs. 23, 24, 25, and 26. Land, level. Soil, rocky, 4th rate. Timber, scattering cedar. Dec. 26, 1912.
40.00	Dec. 24, 1912. East, on a true line, bet. secs. 24 and 25 Over gently rolling land, through scattering cedar timber. Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1912; ¼ S24 in N. and S25 in S. half And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
43.95	Wash, 15 lks. wide, 1 ft. deep, course NW.
46.00	Asc. SW. slope 105 ft.
61.10	Top of asc.
63.90	Desc. NE. slope.
79.37	Intersect the E. bdy. of the T ^(FIRST GUIDE MERIDIAN WEST) at a point from which the old cor. of secs. 19, 24, 25 and 30 , brs. S1° 27' W., 6.37 chains dist. This old cor. of secs. 19, 24, 25 and 30 is a rock in place 3X3X2 ft. above ground, which I alter to refer to secs. 19 and 30 only, by obliterating the bearing tree NW. of that cor. At the point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam, 24 ins. in the ground, for closing cor. of secs. 24 and 25, marked on brass cap, 1912; CC, E. of center. T25N in N. and S19, S30, R4W in E. half; S24 in NW. and S25, R5W in SW. quadrant; from which A cedar, 12 ins. diam, brs. S63° W., 214 lks. dist., marked T25N R5W S25 BT. A cedar, 30 ins. diam, brs. N. 31½° W., 192 lks. dist., marked T25N R5W S24 BT. Land, rolling and hilly. Soil, very rocky, volcanic, 4th rate. Timber, scattering scrub cedar. Undergrowth, sagebrush.

NOTE— At the cor. of secs. 23, 24, 25 and 26, I set off 35° 32½' N. on the lat. arc; 23° 24' S. on the decl. arc; and at 10 hrs. 5 m. a.m., l.m.t., I determine a meridian with the solar
Thence I run
N0° 3' E., bet. secs. 23 and 24.

Subdivision of T25N, R5W.

Chains.	Over gently rolling land, through scattering cedar timber.
40.00	Set an iron post, 3 ft. long, 1 in. ⁿ diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S23 in W. and S24 in E. half; from which A cedar, 8 ins. ⁿ diam, brs. N. $88\frac{1}{2}^{\circ}$ E., 193 lks. dist., marked $\frac{1}{4}$ S24 BT. A cedar, 14 ins. ⁿ diam, brs. S $17\frac{3}{4}^{\circ}$ W., 259 lks. dist., marked $\frac{1}{4}$ S23 BT.
58.00	Wash, 4 lks. wide, 6 ins. deep, course W. Asc. S. slope 45 ft.
66.00	Top of asc.; thence over rolling land.
78.65	Wash, 5 lks. wide, 2 ft. deep, course W.
80.00	Set an iron post, 3 ft. long, 2 ins. ⁿ diam, 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24. marked on brass cap, 1912; T25N R5W in N. half; S14 in NW., S13 in NE., S24 in SE., and S23 in SW., quadrant; from which A cedar limb, 8 ins. ⁿ diam, brs. S 8° W., 162 lks. dist., marked T25N R5W S24 BT. No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling. Soil, volcanic, rocky, 4th rate. Timber, scrub cedar.
NOTE:-	At this corner, I set off $23^{\circ}24'S$ on the decl. arc; and at noon I observe the sun on the meridian. The resulting lat. is $35^{\circ}33'N$, which is slightly less than the correct lat. Dec. 24, 1912.
	Dec. 27, 1912.
40.00	S $89^{\circ}56'W$, on a random line, bet. secs. 14 and 23.
80.36	Set temp. $\frac{1}{4}$ sec. cor. of secs. Intersect N. and S. line, 12 lks. S. of the cor. 14, 15, 22 and 23,
	Thence I run S $89^{\circ}59'E$, on a true line, bet. secs. 14 and 23.
40.18	Over gently rolling land, through scattering timber. 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, 1912; $\frac{1}{4}$ S14 in N. and S23 in S. half; from which A cedar, 36 ins. ⁿ diam, brs. N. 53° E., 8 lks. dist., marked $\frac{1}{4}$ S14 BT. No other trees within limits. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
52.00	Enter heavy cedar timber, brs. N. and S.
66.00	Leave heavy, enter scattering timber. brs. NE. and SW.
80.36	The cor. of secs. 13, 14, 23 and 24. Land, level. Soil, volcanic, rocky, 4th rate. Timber scattering and heavy cedar and pinion. Dec. 27, 1912.
	Dec. 24, 1912.
	East on a true line, bet. secs. 13 and 24. Over gently rolling land, through scattering cedar timber.
2.05	Wash 5 lks. wide, 1 ft. deep, course SW.
13.30	Enter wash, 5 lks. wide 1 ft. deep, course $N85^{\circ}W$.
14.80	Leave wash.
40.00	Set an iron post, 3 ft. long, 1 in. ⁿ diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S13 in N. and S24 in S. half; And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

Subdivision of T25N, R5W.

Chains.	
77.78	<p>Intersect the E. bdy. of the Tp. ^(FIRST GUIDE MERIDIAN WEST) at a point from which the cor. of secs. 13, 18, 19 and 24, brs. S2°47'W., 7.58 chains dist.</p> <p>This cor. of secs. 13, 18, 19, and 24, is a malpais stone 5X12X10 in. above ground, which I altered to refer to secs. 18 and 19, only by obliterating the bearing trees in secs. 13 and 24, T25N, R5W.</p> <p>At the point of intersection, set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for closing cor. of secs. 13 and 24, marked on brass cap, 1912; CC, E. of center</p> <p>T25N in N. and S18, S19, R4W in E. half; S13 in NW. and S24, R5W in SW. quadrant; from which</p> <p>A cedar, 6 in. diam., brs. S. 13½° W., 62 lks. dist., marked T25N R5W S24 BT.</p> <p>A cedar, 14 in. diam., brs. N86° W., 22 lks. dist., marked T25N R5W S13 BT.</p> <p>Land, level.</p> <p>Soil, volcanic, very rocky, 4th rate.</p> <p>Timber, scattering scrub cedar.</p>
10.00	N0° 3'E, bet. secs. 13 and 14.
33.85	Over rolling land, through scattering cedar timber.
40.00	Asc. SW. slope 145 ft.
	Top of asc.; thence over gently rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 26 in. in the ground, for ¼ sec. cor., marked on brass cap, 1912;
	¼ S14 in W. and S13 in E. half;
	And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
80.00	Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14 marked on brass cap, 1912;
	T25N R5W in N. half;
	S11 in NW.,
	S12 in NE.,
	S13 in SE., and
	S14 in SW. quadrant.
	And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
	Land, level and hilly.
	SOIL, volcanic, very rocky, 4th rate.
	Timber, scattering scrub cedar.
40.00	N89° 59' W., on a random line, bet. secs. 11 and 14.
	Set temp. ¼ sec. cor.
	Dec. 24, 1912.
	Dec. 27, 1912.
80.24	Intersect N. and S. line, at the cor. of secs. 10, 11, 14 and 15,
	Thence I run,
	S89° 59' E., on a true line, bet. secs. 11 and 14.
	Over rolling land, through scattering cedar timber.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. marked on brass cap, 1912;
	¼ S11 in N. and S14 in S. half; from which
	A cedar, 10 in. diam., brs. N. 33½° W., 252 lks. dist., marked ¼ S11 BT.
	A cedar, 20 in. diam., brs. S33½° E., 166 lks. dist. marked ¼ S14 BT.
	Desc. E. slope 70 ft.
46.00	Gulch, course S. Asc. NW. slope, 185 ft.
52.00	Edge of rim rock, 15 ft. high. Leave scattering timber
	brs. N. and S. Enter heavy timber.
62.00	Top of asc.; thence over level land.
64.00	Leave heavy timber, brs. N. and S.
80.24	The cor. of secs. 11, 12, 13 and 14 .

Chains.

Land, hilly and mountainous.
Soil, rocky, 4th rate, gumbo.
Timber, scattering and heavy cedar and pinions.
Mountainous land, 20 chains.

Dec. 27, 1912.

22.00
33.70
39.50
40.00

Dec. 30, 1912. At 8 hrs. 10 m. a.m., l.m.t., I set off
35°34' N. on the lat. arc; 23°6' S. on the decl. arc; and
determine a mer. with the solar at the cor. of secs.
11, 12, 13 and 14,

Thence I run,
East, on a true line, bet. secs. 12 and 13.
Over gently rolling land.

Desc. E. slope, 50 ft.
Draw, course S.; asc. W. slope, 70 ft.
Enter scattering timber, brs. N. and S.
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, 1912;
 $\frac{1}{4}$ S12 in N. and
S13 in S. half; from which
A cedar, 8 ins. diam, brs. N36 $\frac{1}{2}$ ° E, 124 lks. dist., marked
 $\frac{1}{4}$ S12 BT.
A cedar, 10 ins. diam, brs. S68 $\frac{1}{2}$ ° E, 265 lks. dist., marked
 $\frac{1}{4}$ S13 BT.

42.00
54.00
56.20
60.00
77.20

Top of asc., thence over level land.
Desc. rocky, E. slope 45 feet.
Leave scattering cedar timber, brs. N. and S.
Foot of desc.; thence over level land.
Intersect the E. bdy. of the Tp. ^(FIRST GUIDE MERIDIAN WEST) at a point from which
the cor. of secs. 7, 12, 13 and 18, brs. S0°31' E, 6.73 chns dist.
This old cor. of secs. 7, 12, 13 and 18, is a stone 5X9X8 ins. above
ground, marked and witnessed as described by the
Surveyor General.

At the point of intersection I set an iron post, 3 ft.
long, 2 ins. diam, 24 ins. in the ground, for closing cor.
of secs. 12 and 13, ^{T25N, R5W} marked on brass cap, 1912;
CC, E. of center;
T25N in N. and
S7, S18, R4W, in E. half.
S12 in NW. and
S13, R5W in SW. quadrant;

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
Land, rolling and hilly.
Soil, volcanic, rocky, 4th rate.
Timber, scrub cedar.

10.00
11.00
18.00
22.00
32.00
40.00

N0°31' E, bet. secs. 11 and 12.
Over level land.
Asc. SE. slope 50 ft.
Enter scattering timber, brs. NE. and SW.
Top of asc.; thence along E. slope.
Desc. NE. slope 125 ft.
Slope changes to N.
Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912;
 $\frac{1}{4}$ S11 in W. and
S12 in E. half; from which
A cedar, 10 ins. diam, brs. N84 $\frac{1}{2}$ ° E, 76 lks. dist., marked
 $\frac{1}{4}$ S12 B.T.
A cedar, 5 ins. diam, brs. S. 70° W, 46 lks. dist., marked
 $\frac{1}{4}$ S11 B.T.

43.60
45.40
46.00
80.00

Enter cedar timber, brs. E. and W.
Leave timber, brs. E. and W.
Wash, 3 lks. wide 6 ins. deep, course N. 5° E.
Thence over level land.
Set an iron post, 3 ft. long, 2 ins. diam, 24 ins. in the
ground, for cor. of secs. 1, 2, 11 and 12, marked on
brass cap, 1912;
T25N R5W in N. half;
S2 in NW.,
S1 in NE.,

Subdivision of T25N. R5W.

Chains

S12 in SE., and
 S11 in SW. quadrant;
 And raise a mound of stone, 2 ft. base, 1½ ft. high, W.
 of cor. Pits impracticable.
 Land, level and rolling.
 Soil, volcanic, very rocky, 4th rate.
 Timber, scattering scrub cedar.

NOTE:

At the cor. of secs. 1, 2, 11 and 12, I set off
 23° 8' S. on the decl. arc; and at noon
, I observed the sun on the mer. The resulting
 lat. is 35° 35' N, which is slightly higher than the
 true lat.

40.00
80.08

Thence I run
 N89° 59' W, on a random line, bet. secs. 2 and 11.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 2 lks. N. of the cor. of
 secs. 2, 3, 10 and 11,

16.00
27.30
31.30
38.50
40.04

Thence I run
 East, on a true line, bet. secs. 2 and 11.
 Over gently rolling land, through heavy timber.
 Desc. NE. slope 70 ft.
 Gulch, course N. Asc. NW. slope 65 ft.
 Spur ridge brs. N. and S.
 Gulch, course N.
 Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap, 1912;
 ¼ S2 in N. and
 ¼ S11 in S. half; from which
 A pinion, 6 ins. diam, brs. N3½° W, 25 lks. dist., marked
 ¼ S2 BT.
 A cedar, 12 ins. diam, brs. S24° W, 39 lks. dist., marked
 ¼ S11 BT.

57.00
66.00
80.08

Asc. NW. slope 165 ft.
 Spur ridge, brs. N. and S. Desc. E. slope 55 ft.
 End of desc. Thence over level land.
 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling and hilly.
 Soil, volcanic, rocky, 4th rate.
 Timber, scattering scrub cedar.

2.05
30.10
40.00

East, on a true line, bet. secs. 1 and 12.
 Over rolling land.
 Draw, course NW.
 Draw, course SW.
 Set an iron post, 3 ft. long, 1 in. in diam, 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap, 1912;
 ¼ S1 in N. and
 ¼ S12 in S. half;
 And raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
 Intersect the E. bdy. of the Tp. (FIRST GUIDE MERIDIAN WEST)
 which the cor. of secs. 1, 6, 7 and 12, brs. S0° 59' E 6.57
 chains dist.

77.13

This old cor. of secs. 1, 6, 7 and 12 is a malpais stone, 6X10X8
 ins. above ground, marked and witnesses as described
 by the Surveyor General.
 At the point of intersection, I set an iron post,
 3 ft. long, 2 ins. diam, 24 ins. in the ground, for
 closing cor. of secs. 1 and 12, marked on brass
 cap, 1912;
 CC, E. of center;
 T25N in N. and
 S6, S7, R4W in E. half;
 S1 in NW. and
 S12, R5W in SW. quadrant;
 And raise a mound of stone, 2 ft. base, 1½ ft. high,
 W of cor. Pits impracticable.
 Land, level and rolling.
 Soil, volcanic, rocky, 4th rate.
 No timber.

Chains	Dec. 31, 1912.
	N0°3'E, bet. secs. 1 and 2.
	Over gently rolling land.
5.30	Draw, course NW.
14.00	Spur ridge, brs. NW. and SE.
	Desc. gradual NE. slope
26.00	Foot of desc.; thence over level land.
40.00	Set an iron post, 3 ft. long, 1 in. diam, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1912; $\frac{1}{4}$ S2 in W and S1 in E. half;
	And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
64.00	Enter scattering cedar timber brs. E. and W.
75.03	Intersect N. bdy. of the Tp., 3.90 chs. E. of the cor. of secs. 35 and 36, T26N, R5W, recently established by H. N. Bradstreet as described in Book "M", page 7.
	At the point of intersection, I set an iron post, 3 ft. long, 2 in. diam, 24 ins. in the ground, for closing cor. of secs. 1 and 2, marked on brass cap, 1912; CC, S. of center.
	T26N R5W, S35, S36, in N. half; S1 in SE. and S2 in SW. quadrant; from which
	A cedar, 16 in. diam, brs. S19° E, 318 lks. dist., marked T25N R5W S1 BT.
	A cedar, 20 in. diam, brs. S42 $\frac{1}{2}$ ° W, 407 lks. dist., marked T25N R5W S2, BT.
	Land, level and rolling.
	Soil, volcanic, rocky, 4th rate.
	Timber scattering scrub cedar.
	Dec. 31, 1912.

W. B. K.

General Description.

The land in this township is rolling. About half the area is covered with heavy scrub cedar. The SW. portion drains W; the SE. part drains E; and the central and northern part drains NW. The township is covered with basalt boulders. The soil is clay and gumbo, 3rd and 4th rate; subsoil, hardpan. There are no settlers. Very little grass.

William B. Kimmel

U. S. Surveyor

Herbert A. Street

U. S. Transitman.

For FINAL OATH OF UNITED STATES SURVEYOR. & TRANSITMAN
see Book " L "
(Subdivisions E $\frac{1}{2}$ T.25 N.,R.17 W.)

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191 _____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona OCT 5 1914, 191

The foregoing field notes of the survey of the Subdivision lines of _____

Township No.25 North, Range No.5 West

of the Gila and Salt River Base and Meridian

Arizona

executed by William B. Kimmel, U.S. Surveyor & H.M. Bradstreet, U.S. Transitman under their special instructions dated October 18, 1912 for Group 24, ~~71~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward S. Ingalls

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.~~

~~U. S. Surveyor General.~~