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Book "L."

BOOK 3144

(Subdivisions)

# FIELD NOTES

RE-  
OF THE SURVEY OF THE

SOUTH BOUNDARY OF TOWNSHIP 24 NORTH, RANGE 19 WEST.

and

Survey of the

SUBDIVISION LINES OF TOWNSHIP 23 NORTH, RANGE 19 WEST.

*Of the Gila and Salt River Base and Meridian,*

*In the State of Arizona,*

EXECUTED BY

Guy H. Richardson, U.S. Surveyor,

and

Hugo Price, U. S. Transitman,

*In the capacity of U. S. Surveyor, under instructions dated Jan. 6, 1915,*

*issued by the United States Surveyor General to govern surveys included in*

*Group No. 44, which were approved by the Commissioner of the General Land*

*Office, January 26, 1915.*

Resurvey & Survey commenced December 22, 1915.

Resurvey & Survey completed January 4, 1916.

Executed under Assignment  
Instructions dated Nov. 29, 1915.

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RESURVEY OF SOUTH BDY. OF TOWNSHIP 24 NORTH, RANGE 19 WEST,  
AND SURVEY OF SUBDIVISION LINES OF TOWNSHIP 23 NORTH,  
RANGE 19 WEST.

Survey commenced Dec. 22, 1915, and executed jointly by  
Guy H. Richardson, U. S. Surveyor, and Hugo Price, U.  
S. Transitman.

The instruments used are described, with record of approval  
by the assistant supervisor of surveys and field tests,  
in Book "A."

All measurements were made with steel tapes and clinome-  
ters.

The initials "G.H.R." and "H.P." are inserted in the fol-  
lowing notes at the beginning and ending of those por-  
tions of the notes describing the surveys executed by  
Guy H. Richardson and Hugo Price, respectively.

G.H.R.

H.P.

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## 2 Resurvey of South boundary of Township 24 North Range 19 West.

Chains.

G. H. R.

Jan. 3, 1916.

From the reestablished corner of Tps. 23 and 24 N., Rs. 18 and 19 W., described in Book "B," I run,

West, (according to instructions) bet. secs. 1 and 36.

(Knowing that closing cors. will be necessary on the W. and N. bdrs. of T.23 N., R.19 W., I make this the true line, setting cors. pertaining to the area N.of same)

Over rolling land; through scattering undergrowth.

15:90

Road bears N.20°W. and S.20°-E.

20:38

Wash, 4 chs. wide, course SW.

40:00

Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec.cor., with brass cap, marked $\frac{1}{4}$  S 36 in N.half; and  
1916 in S.rim;and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft. high, N.of cor.

65:14

Telephone line bears NW. and SE.

80:00

Set an iron post 3 ft.long, 3 ins. diam., 24 ins. in the ground, for reestablished cor.of secs. 35 and 36, with brass cap, marked

T 24 N S 35 in NW., and  
R 19 W S 36 in NE. quadrant; and  
1916 in S. rim;and raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high, N.of cor.

Land, rolling.

Soil, gravelly loam, 3rd and 4th rate.

No timber.

Undergrowth, greasewood, catclaw, cactus, and sage.

West, on S. bdy. of sec. 35.

40:00

Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec.cor., with brass cap, marked $\frac{1}{4}$  S 35 in-N.half, and  
1916 in S.rim;dig pits 18x18x12 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.

74:70

Road bears N.75° W., and S.75° E.

80:00

Set an iron post 3 ft.long, 3 ins. diam., 24 ins. in the ground, for reestablished cor.of secs. 34 and 35, with brass cap, marked

T 24 N S 34 in NW., and  
R 19W S 35 in NE.quadrant; and  
1916 in S.rim;and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N,of cor.

Land rolling prairie.

Soil, gravelly and stony; 3rd rate.

No timber.

Undergrowth, greasewood, catclaw, cactus and sage.

Resurvey of South boundary of Township 24 N. R. 19 W. 3

Chains.

West, on S.bdy. of sec.34.  
 Over rolling land, through scattering undergrowth.  
 17:40 Road bears NE. and SW.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec.cor., with brass cap, marked  
            $\frac{1}{4}$  S 34 in N.half; and  
           1916 in S.rim;  
           dig pits 18x18x12 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, north of cor.  
 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor.of secs. 33 and 34, with brass cap, marked  
           T 24 N S 33 in NW., and  
           R 19 W S 34 in NE. quadrant; and  
           1916 in S.rom;  
           dig pits, 24x24x12 ins. NE.&NW.of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N.of cor.  
 Land, rolling prairie.  
 Soil, gravelly loam, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, cactus and sage.

West on S.bdy.of sec.33.  
 Over rolling land, through scattering undergrowth.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec.cor., with brass cap, marked  
            $\frac{1}{4}$  S 33 in N.half; and  
           1916 in S.rim;  
           dig pits, 18x18x12 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.  
 79.70 Wash, 100 lks.wide, course N.  
 80.00 Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor.of secs. 32 and 33, with brass cap, marked  
           T 24 N S 32 in NW., and  
           R 19 W S 33 in NE. quadrant; and  
           1916 in S.rim;  
           and raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Land, rolling prairie.  
 Soil, gravelly loam, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, cactus and sage.

## 4 Resurvey of South bdy. of Township 24 North Range 19 West

Chains.

- West, on S-bdy. of sec. 32.  
Over rolling land, through scattering undergrowth.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 32 in N. half; and  
 1916 in S. rim;  
 dig pits, 18x18x12 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.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 31 and 32, with brass cap, marked  
 T 24 N S 31 in NW., and  
 R 19 W S 32 in NE. quadrant, and  
 1916 in S. rim;  
 dig pits, 24x24x12 ins. NE. & NW. of post, 6 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.
- Land, rolling prairie.  
Soil, gravelly loam; 2nd and 3rd rate.  
No timber.  
Undergrowth, greasewood, sage brush, catclaw and cactus.

- West, on south bdy. of sec. 31.  
Over gently rolling land, through scattering undergrowth.
- 17.00 Wash, 10 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 31 in N. half; and  
 1916 in S. rim;  
 dig pits, 18x18x12 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.
- 76.05 Intersect range line, 8.54 chs. N. of the reestablished cor. of Ts. 23 and 24 N., Rs. 20 W., described in Book "M."  
 At point of intersection  
 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for closing cor. of Ts. 23 and 24 N., Rs. 19 W., with brass cap, marked  
 C C in E. half;  
 T 24 N S 36 R 20 W in W. half;  
 T 24 N R 19 W S 31 in NE., and  
 S 6 T 23 N in SE. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.
- Land, rolling prairie.  
Soil, gravelly loam, 2nd and 3rd rate.  
No timber.  
Undergrowth, greasewood, catclaw, sage brush and cactus.  
No old cors. found through this range.

Jan. 3, 1916.  
G.H.R.

Chains

H. P.

Dec. 22, 1915.

At 9h 00m a.m., l.m.t., I set off  $35^{\circ}20'$  on the lat. arc;  $23^{\circ}24\frac{1}{2}'$  S. on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 31 and 32, on S. bdy. of Tp. reestablished as described in Book "E".

Thence I run

N.  $0^{\circ}01'E.$ , bet. secs. 31 and 32,  
over mountainous land, through scattering undergrowth.  
Along broken E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  in N.,  
S 31 in W. and  
S 32 in E. half; and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.

77.10 Wash, course SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked

T 23 N S 30 in NW.,  
R 19 W S 29 in NE.,  
S 32 in SE., and  
S 31 in SW. quadrant; and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, catclaw, juniper and cactus.

Dec. 22, 1915

Dec. 23, 1915.

West, on a random line, bet. secs. 30 and 31.

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

79.82 Intersect W. bdy. of Tp. 7 lks. S. of the reestablished cor. of secs. 30 and 31, described in Book "M".

Thence I run

S.  $89^{\circ}57'E.$ , on a true line, bet. secs. 30 and 31,  
over mountainous land, through scattering undergrowth.

12.63 Ravine, course SE.; thence along SW. slope.

26.15 Low spur extends SE.

29.95 Wash, course SE.

34.90 Spur extends SE.; desc. NE. slope.

39.91 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  S 30 in N. half,  
S 31 in S. half, and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.

40.20 Wash, course SE.; asc. W. slope 400 ft. to

61.50 Top of ridge bears N. and S.; desc. E. slope 440 ft. to

75.80 Wash, course SE.

79.82 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, juniper, scrub oak and cactus.

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## Subdivision of T. 23 N., R. 19 W.

Chains	
	Dec. 23, 1915.
	At 10h 00m a.m., l.m.t., I set off $35^{\circ}21'$ on the lat. arc; $23^{\circ}24\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 29, 30, 31 and 32.
	Thence I run N. $0^{\circ}01'E.$ , bet. secs. 29 and 30, over mountainous land, through scattering undergrowth.
	Asc. 65 ft. to
5.85	Spur extends SE.; desc. 50 ft. to
9.80	Ravine, course SE.; asc. 120 ft. to
19.60	Enter ravine from N., course S. $20^{\circ}E.$ ; thence up bed of same.
29.90	Leave ravine and asc. SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 29 in E., and S 30 in W. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.
60.00	Top of ridge, 530 ft. above ravine, bears E. and W.
66.00	Desc. NE. slope 250 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground and 14 ins. in a mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked T 23 N S 19 in NW., R 19 W S 20 in NE., S 29 in SE., and S 30 in SW. quadrant; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to dig pits or set cor. far- ther in the ground.
	Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, oak brush, catclaw, juniper and cactus.
	At this cor. I set off $23^{\circ}25\frac{1}{2}'$ S. on the decl. arc; and at apparent noon observe the sun on the meridian. The resulting lat. is $35^{\circ}21\frac{1}{2}'$ .
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	West, on a random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect W. bdy. of Tp. 14 lks. N. of the reestablished cor. of secs. 19 and 30, described in Book "M". Thence I run N. $89^{\circ}54'E.$ , on a true line, bet. secs. 19 and 30, over mountainous land, through scattering undergrowth. Asc. W. slope 40 ft. to
2.30	Top of ridge bears N. and S.; desc. broken S. slope 175 ft. to
21.70	Ravine, course SW.; asc. 265 ft. to
33.80	Top of ridge bears N. and S.; desc. E. slope.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 19 in N. half, S 30 in S. half, and 1915 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to dig pits or set cor. far- ther in the ground.
41.20	Ravine, 500 ft. below ridge, course SE.
46.20	Desc. broken S. slope 242 to
61.30	Ravine, course NE.; asc. NW. slope 240 ft. to
76.50	Spur extends N.; desc. 90 ft. to
79.90	The cor. of secs. 19, 20, 29 and 30.

Subdivision of T. 23 N., R. 19 W.

7

Chains

Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, scrub oak, catclaw and cactus.

N.0°01'E., bet. secs. 19 and 20,  
over mountainous land, through scattering undergrowth.  
Desc. NE. slope 275 ft. to  
29.40 Enter flat; bears N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 19 in W., and  
S 20 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. farther  
in the ground.  
41.40 Leave flat and asc. 90 ft. to  
46.90 Spur extends SE.  
50.00 Desc. gradually on NE. slope 120 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
ground and 16 ins. in a mound of stone, for cor. of secs.  
17, 18, 19 and 20, with brass cap, marked  
T 23 N S 18 in NW.,  
R 19 W S 17 in NE.,  
S 20 in SE., and  
S 19 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. farther  
in the ground.  
Land, mountainous and rolling.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, catclaw, scrub oak and cactus.

Dec. 23, 1915.

Dec. 24, 1915.  
At 8h 00m a.m., l.m.t., I set off  $35^{\circ}22\frac{1}{2}'$  on the lat.  
arc;  $23^{\circ}22'$  S. on the decl. arc; and determine a meridian  
with the solar, at the cor. of secs. 17, 18, 19 and 20.  
Thence I run  
West, on a random line, bet. secs. 18 and 19.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.90 Intersect W. bdy. of Tp. 25 lks. N. of the reestablished  
cor. of secs. 18 and 19, described in Book "M".  
Thence I run  
N.89°49'E., on a true line, bet. secs. 18 and 19,  
over rolling mountainous land, through scattering under-  
growth.  
Asc. NW. slope 225 ft. to  
12.25 Spur extends N.; desc. E. slope.  
15.00 Thence desc. on SE. slope.  
39.95 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground and 8 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked  
 $\frac{1}{4}$  S 18 in N. half;  
S 19 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Impracticable to dig pits or set cor. farther  
in the ground.  
54.90 Wash, 490 ft. below spur, course NE.; thence across flat.  
79.90 The cor. of secs. 17, 18, 19 and 20.

8

Subdivision of T. 23 N., R. 19 W.

Chains

Land, rolling mountainous, and level.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, catclaw and cactus.

40.00

N.0°01'E., bet. secs. 17 and 18,  
over slightly rolling land, through dense undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec.  
cor., with brass cap, marked

$\frac{1}{4}$  in N.,  
S 17 in E., and  
S 18 in W. half, and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.

54.40

Road bears NE. and SW.

55.90

Telephone line bears NE. and SW.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the  
ground and 18 ins. in a mound of stone, for cor. of secs.  
7, 8, 17 and 18, with brass cap, marked

T 23 N S 7 in NW.,  
R 19 W S 8 in NE.,  
S 17 in SE., and  
S 18 in SW. quadrant; and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.

Land, rolling.

Soil, rocky; 2nd and 3rd rate.

No timber.

Undergrowth, juniper, catclaw and cactus.

Dec. 24, 1915.

Dec. 27, 1915.

At 8h 00m a.m., l.m.t., I set off  $35^{\circ}23\frac{1}{2}'$  on the lat. arc;  
 $23^{\circ}17\frac{1}{2}'$  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

West, on a random line, bet. secs. 7 and 18.

40.00

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

79.96

Intersect W. bdy. of Tp. 5 lks. N. of the reestablished  
cor of secs. 7 and 18, described in Book "M".

Thence I run

N.89°58'E., on a true line, bet. secs. 7 and 18,  
over roughly rolling land, through dense undergrowth.

37.45

Road bears NE. and SW.

39.98

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
ground and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.  
with brass cap, marked

$\frac{1}{4}$  S 7 in N. half,  
S 18 in S. half, and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.

57.05

Wash, course N.

78.95

Wash, course NE.

79.96

The cor. of secs. 7, 8, 17 and 18.

Land, roughly rolling.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, juniper, greasewood, catclaw and cactus.

Chains

40.00 N.0°01'E., bet. secs. 7 and 8,  
 over rolling land, through dense undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 7 in W., and  
 S 8 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

53.80 Road bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the  
 ground and 6 ins. in a mound of stone, for cor. of secs.  
 5, 6, 7 and 8, with brass cap, marked  
 T 23 N S 6 in NW.,  
 R 19 W S 5 in NE.,  
 S 8 in SE., and  
 S 7 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

Land, rolling.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, juniper, greasewood and catclaw.

At this cor. I set off 23°20' S. on the decl. arc; and  
 at apparent noon observe the sun on the meridian.

The resulting lat. is 35°24'. Dec. 27, 1915.

Dec. 27, 1915.

West, on a random line, bet. secs. 6 and 7.

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

79.90 Intersect W. bdy. of Tp. 6 lks. S. of the reestablished  
 cor. of secs. 6 and 7, described in Book "M".

Thence I run

S.89°57'E., on a true line, bet. secs. 6 and 7,  
 over rolling land, through scattering undergrowth.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked

$\frac{1}{4}$  S 6 in N. half,  
 S 7 in S. half, and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

59.90 Wash, course NW.

79.90 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.

Soil, 2nd and 3rd rate.

No timber.

Undergrowth, greasewood, catclaw, juniper and cactus.

N.0°01'E., on a true line, bet. secs. 5 and 6,  
 over rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
 ground and 10 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked

$\frac{1}{4}$  in N.,  
 S 5 in E., and  
 S 6 in W. half; and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

10

Subdivision of T. 23 N., R. 19 W.

Chains

83.97 Intersect N. bdy. of Tp. 3.83 chs. E. of the reestablished cor. of secs. 31 and 32, hereinbefore described.  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap, marked  
 T 24 N R 19 W S 32 in N. half,  
 CC in S. half,  
 S 6 T 23 N in SW., and  
 S 5 R 19 W in SE. quadrant; and  
 1915 in S. rim;  
 dig pits, 24x18x12 ins., crosswise on each line, E. and W. of post, 3 ft., and S. of post, 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.  
 Land, rolling.  
 Soil, rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood, catclaw and cactus.  
 Dec. 27, 1915.  
 H. P.

G. H. R.

Dec. 22, 1915.

At 9h 00m a.m., l.m.t., I set off  $35^{\circ}20'$  on the lat. arc,  $23^{\circ}24\frac{1}{2}'$  S. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs.

4, 5, 32 and 33 on S. bdy. of Tp. described in Book "E."

Thence I run

N.  $0^{\circ}01'E.$ , bet. secs. 32 and 33,

over rolling mountainous land, through scattering undergrowth.

Asc. SW. slope 290 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  in N.,

S 32 in W., and

S 33 in E. half; and

1915 in S. rim;

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

W. of cor. Impracticable to dig pits or set cor. farther in the ground.

42.05 Spur extends S.  $5^{\circ}E.$ ; desc. NE. slope 135 ft. to

69.85 Wash, 10 lks. wide, course E.; asc. SE. slope 70 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, and 14 ins. in a mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap, marked

T 23 N S 29 in NW.,

R 19 W S 28 in NE.,

S 33 in SE., and

S 32 in SW. quadrant; and

1915 in S. rim;

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

W. of cor. Impracticable to dig pits or set cor. farther in the ground.

Land, rolling mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, juniper, sagebrush, greasewood, catclaw and cactus.

At this cor. I set off  $23^{\circ}25\frac{1}{2}'$  S. on the decl. arc; and at apparent noon, observe the sun on the meridian. The resulting lat. is  $35^{\circ}21'$ .

40.00 West, on a random line, bet. secs. 29 and 32.  
 Set temp.  $\frac{1}{4}$  sec. cor.

## Subdivision of T. 23 N., R. 19 W.

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Chains

80.02 Intersect N. and S. line 2 lks. N. of the cor. of secs. 29, 30, 31 and 32.  
Thence I run  
N.  $89^{\circ}59'$  E., on a true line, bet. secs. 29 and 32, over rolling mountainous land, through scattering undergrowth.  
Asc. gradually, 65 ft. to  
14.00 Spur extends S.  $25^{\circ}$  E.; desc. 135 ft. to  
21.30 Wash, 20 lks. wide, course S.  $20^{\circ}$  E.  
40.01 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 29 in N. half,  
S 32 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
Asc. SW. slope 125 ft. to  
54.80 Spur extends N. and S.; desc. SE. slope 75 ft. to  
63.55 Wash, 10 lks. wide, course S.; asc. SW. slope 140 ft. to  
70.40 Spur extends S.  $5^{\circ}$  E.; desc. SE. slope 150 ft. to  
80.02 The cor. of secs. 28, 29, 32 and 33.  
Land, rolling mountainous and mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, greasewood, scrub oak and cactus.  
Dec. 22, 1915.

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Dec. 23, 1915.

At 9h 00m a.m., l.m.t., I set off  $35^{\circ}21'$  on the lat. arc;  $23^{\circ}24\frac{1}{2}'$  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  
N.  $0^{\circ}01'$  E., bet. secs. 28 and 29,  
over mountainous land, through scattering undergrowth.  
Asc. S. slope 175 ft. to  
26.90 Spur extends E.; desc. NE. slope 90 ft. to  
34.60 Wash, 50 lks. wide, course SE.; asc. broken SW. slope 40 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 28 in E., and  
S 29 in W. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Asc. 275 ft. to  
67.60 Spur extends S.  $8^{\circ}$  E.; asc. along SE. slope of same 40 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground and 16 ins. in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap, marked  
T 23 N S 20 in NW.,  
R 19 W S 21 in NE.,  
S 28 in SE., and  
S 29 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
Land, mountainous.  
Soil, stony; 4th rate.  
No timber.  
Undergrowth, juniper, catclaw, greasewood, cedar, and cactus.

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12

Subdivision of T. 23 N., R. 19 W.

Chains

Dec. 23, 1915.  
West, on a random line, bet. secs. 20 and 29.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line at the cor. of secs. 19, 20, 29  
and 30.  
Thence I run  
East, on a true line, bet. secs. 20 and 29,  
over mountainous land, through scattering undergrowth.  
Asc. broken NW. slope 115 ft. to  
14.40 Ridge bears NE. and SW.; desc. gradually on broken S. slope  
110 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, on bed rock, for  $\frac{1}{4}$  sec. cor., with brass cap,  
marked  
 $\frac{1}{4}$  S 20 in N. half,  
S 29 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Impracticable to dig pits or set cor. in  
the ground.  
Cor. is on spur extending S.  $23^{\circ}$  E.; desc. SE. slope 125  
ft. to  
60.40 Head of wash, course S.; thence over broken SW. slope to  
80.00 The cor. of secs. 20, 21, 28 and 29.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, catclaw, sagebrush and cactus.

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N.  $0^{\circ}01'$  E., bet. secs. 20 and 21,  
across rolling mountainous land, through scattering  
undergrowth.; asc. SW. slope 260 ft. to  
10.50 Ridge bears NE. and SW.; desc. N. slope 490 ft. to  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 20 in W., and  
S 21 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.  
Thence over rolling land.  
74.90 Wash, 10 lks. wide, course NE. (125 ft. below  $\frac{1}{4}$  sec. cor.)  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the  
ground and 16 ins. in a mound of stone, for cor. of secs.  
16, 17, 20 and 21, with brass cap, marked  
T 23 N S 17 in NW.,  
R 19 W S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.  
Land, rolling and rolling mountainous.  
Soil, stony loam; 4th rate.  
No timber.  
Undergrowth, juniper, sage and cactus.

Dec. 23, 1915.

Dec. 24, 1915.

At 8h 00m a.m., l.m.t., I set off  $35^{\circ}22\frac{1}{2}'$  on the lat. arc;  
 $23^{\circ}22'$  S. on the decl. arc; and determine a meridian with  
the solar, at the cor. of secs. 16, 17, 20 and 21.  
Thence I run

Subdivision of T. 23 N., R. 19 W.

Chains

West, on a random line, bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line 14 lks. S. of the cor. of secs. 17, 18, 19 and 20.  
 Thence I run  
 S.  $89^{\circ}54'$  E., on a true line, bet. secs. 17 and 20, over rolling mountainous land, through scattering undergrowth.  
 Asc. NW. slope 150 ft. to  
 24.00 Low spur extends N.; desc. NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 17 in N. half,  
 S 20 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 46.00 Wash, 12 lks. wide, course N. (220 ft. below spur.)  
 Asc. W. slope 255 ft. to  
 70.60 Top of butte; desc. E. slope 210 ft. to  
 80.00 The cor. of secs. 16, 17, 20 and 21.  
 Land, rolling mountainous and mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, sagebrush, scrub oak, catclaw and cactus.

N.  $0^{\circ}01'$  E., bet. secs. 16 and 17,  
 over rolling land, through scattering undergrowth.  
 Desc. gradually, on W. side of wash, course N., about 2 chs. E. of line.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 16 in E., and  
 S 17 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 60.00 Cross wash, course NW.; asc. SW. slope 35 ft. to  
 67.00 Top of low hill; desc. NW. slope 45 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap, marked  
 T 23 N S 8 in NW.,  
 R 19 W S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, rolling.  
 Soil, rocky loam; 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood and cactus.  
 G. H. R.

H. P.  
 West, on a random line, bet. secs. 8 and 17.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs. 7, 8, 17 and 18.  
 Thence I run  
 N.  $89^{\circ}58'$  E., on a true line, bet. secs. 8 and 17, over rolling land, through scattering undergrowth.  
 25.00 Spur extends N.

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Subdivision of T. 23 N., R. 19 W.

Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 8 in N. half,  
 S 17 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.
- 48.40 Road bears NE. and SW.
- 49.90 Telephone line bears NE. and SW.
- 50.00 Wash, course N.
- 80.00 The cor. of secs. 8, 9, 16 and 17.  
 Land, rolling.  
 Soil, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, juniper, catclaw and greasewood.  
 Dec. 24, 1915.  
 H. P.
- 
- G. H. R.  
 Dec. 27, 1915.  
 At 8h 30m a.m., l.m.t., I set off  $35^{\circ}23\frac{1}{2}'$  on the lat. arc;  $23^{\circ}19'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 8, 9, 16 and 17.  
 Thence I run  
 N.  $0^{\circ}01'E.$ , bet. secs. 8 and 9,  
 over rolling mountainous land, through scattering undergrowth.  
 Along broken NW. slope.
- 33.10 Telephone line bears N.  $40^{\circ}E.$ , and S.  $40^{\circ}W.$
- 34.90 Wash, 10 lks. wide, course NE.
- 35.35 Road bears N.  $50^{\circ}E.$  and S.  $50^{\circ}W.$
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 8 in W., and  
 S 9 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Asc. 180 ft. to
- 64.85 Point of spur from butte, extending NE.; desc. NE. slope 100 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, on bed rock, for cor. of secs. 4, 5, 8 and 9, with brass cap, marked  
 T 23 N S 5 in NW.,  
 R 19 W S 4 in NE.,  
 S 9 in SE., and  
 S 8 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. in the ground.  
 Land, rolling mountainous and mountainous.  
 Soil, rocky loam; 4th rate.  
 No timber.  
 Undergrowth, juniper, cedar, catclaw, greasewood, spanish dagger, sagebrush and cactus.
- 
- 40.00 West, on a random line, bet. secs. 5 and 8.  
 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect N. and S. line 2 lks. S. of the cor. of secs. 5, 6, 7 and 8.  
 Thence I run  
 S.  $89^{\circ}59'E.$ , on a true line, bet. secs. 5 and 8,

Chains

over rolling land, through scattering undergrowth.  
 33.45 Road bears N.60°E., and S.60°W.  
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
      $\frac{1}{4}$  S 5 in N. half,  
     S 8 in S. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 54.95 Wash, 10 lks. wide, course N.  
 70.00 Thence over rolling hills to  
 79.94 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, 3rd and 4th rate.  
 No timber.  
 Undergrowth, juniper, cedar, greasewood, catclaw, spanish dagger, sagebrush and cactus.

N.0°01'E., on a true line, bet. secs. 4 and 5,  
 over rolling prairie, through scattering undergrowth.  
 14.70 Road bears NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
      $\frac{1}{4}$  in N.,  
     S 4 in E., and  
     S 5 in W. half; and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 55.00 Enter flat prairie.  
 72.80 Wash, 100 lks. wide, course N.10°W.  
 83.90 Intersect N. bdy. of Tp. 3.57 chs. E. of the reestablished cor. of secs. 32 and 33, hereinbefore described,  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap, marked  
     T 24 N R 19 W S 33 in N. half,  
     CC in S. half,  
     T 23 N S 5 in SW., and  
     R 19 W S 4 in SE. quadrant; and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.  
 Land, rolling prairie.  
 Soil, gravelly loam; 3rd rate.  
 No timber.  
 Undergrowth, juniper, sagebrush, catclaw and cactus.

Dec. 27, 1915.  
G. H. R.

H. P.  
 Dec. 28, 1915.  
 At 9h 00m a.m., l.m.t., I set off 35°20' on the lat. arc; 23°17' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34, on S. bdy. of Tp, reestablished as described in Book " E".  
 Thence I run  
 N.0°02'E., bet. secs. 33 and 34,  
 over mountainous land, through scattering undergrowth.  
 Asc. gradually, along broken E. slope, 210 ft. to  
 35.00 Summit of ascent; thence along E. slope.

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Subdivision of T. 23 N., R. 19 W.

Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 33 in W., and  
 S 34 in E. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.. Impracticable to dig pits or set cor. farther in the ground.
- 45.00 Desc. gradually, on E. slope, 180 ft. to  
 65.00 Asc. on E. slope 90 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground and 16 ins. in a mound of stone, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked  
 T 23 N S 28 in NW.,  
 R 19 W S 27 in NE.,  
 S 34 in SE., and  
 S 33 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.

- 
- 40.00 West, on a random line, bet. secs. 28 and 33.  
 80.00 Set temp.  $\frac{1}{4}$  sec. cor. line, bet. secs. 28 and 33.  
 80.00 Intersect N. and S. line, 12 lks. N. of cor. of secs. 28, 29, 32 and 33. Thence, I run, 12 lks. N. of the cor. of secs. N.  $89^{\circ}55'$  E. on a true line, bet. secs. 28 and 33.  
 Descend over mountainous land, through scattering undergrowth.  
 5.00 Ascend.  
 15.00 Descend. on a true line, bet. secs. 28 and 33.  
 20.00 Wash, course SE. Ascend. through scattering undergrowth.  
 29.00 Spur; descend NE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 28 in N. half,  
 S 33 in S. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.
- 51.85 Ravine, course SE.; asc. 350 ft. to  
 70.75 Top of ridge bears N. and S.; desc. E. slope 190 ft. to  
 80.00 The cor. of secs. 27, 28, 33 and 34.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood and cactus.

- 
- N.  $0^{\circ}02'$  E., bet. secs. 27 and 28,  
 over mountainous land, through scattering undergrowth.  
 Desc. 25 ft. to  
 2.90 Ravine, course SE.; asc. SW. slope.  
 20.00 Thence on S. slope.  
 26.50 Top of ridge, 350 ft. above ravine, bears E. and W.; desc. NW. slope 65 ft. to  
 31.75 Ravine, course W.; asc. SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 27 in E., and  
 S 28 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther

Chains

in the ground.  
 50.00 Thence along W. slope.  
 61.30 Top of ridge, 400 ft. above ravine, bears NW. and SE.;  
 desc. NW. slope 340 ft. to  
 78.00 Ravine, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
 stone, for cor. of secs. 21, 22, 27 and 28, with brass  
 cap, marked  
     T 23 N S 21 in NW.,  
     R 19 W S 22 in NE.,  
     S 27 in SE., and  
     S 28 in SW. quadrant; and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in the  
 ground.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, catclaw, scrub oak and cactus.

West, on a random line, bet. secs. 21 and 28.  
 40.00 Set temp. ¼ sec. cor.  
 80.08 Intersect N. and S. line 7 lks. N. of the cor. of secs.  
 20, 21, 28 and 29.  
 Thence I run  
 N. 89° 57' E., on a true line, bet. secs. 21 and 28,  
 over mountainous land, through scattering undergrowth.  
 Asc. SW. slope 40 ft. to  
 8.00 Spur extends SE.; desc. NE. slope.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked  
     ¼ S 21 in N. half,  
     S 28 in S. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor.  
 47.20 Ravine, 460 ft. below spur, course SE.; asc. 330 ft. to  
 61.30 Top of ridge bears NW. and SE.; desc. 250 ft. to  
 80.08 The cor. of secs. 21, 22, 27 and 28.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, scrub oak, catclaw and cactus.  
 Feb. 28, 1915.

Feb. 29, 1915.  
 At 9h 00m a.m., l.m.t., I set off 35° 21½' on the lat. arc;  
 23° 14' S. on the decl. arc; and determine a meridian  
 with the solar, at the cor. of secs. 21, 22, 27 and 28.  
 Thence I run  
 N. 0° 02' E., bet. secs. 21 and 22,  
 over mountainous land, through scattering undergrowth.  
 Desc. 160 ft. to  
 23.00 Ravine; course E.; thence over broken land, with general  
 E. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground and 14 ins. in a mound of stone, for ¼ sec. cor.,  
 with brass cap, marked  
     ¼ in N.,  
     S 21 in W., and  
     S 22 in E. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 69.70 Wash, course E.  
 76.55 Spur extends E.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground and 14 ins. in a mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked  
 T 23 N., S 16 in NW.,  
 R 19 W S 15 in NE.,  
 S 22 in SE., and  
 S 21 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood, catclaw, cactus and sage.  
 Dec. 29, 1915.  
 H. P.

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 G. H. R.  
 Dec. 24, 1915.

40.00 West, on a random line, bet. secs. 16 and 21.  
 Set temp. ¼ sec. cor.  
 79.90 Intersect N. and S. line 8 lks. S. of the cor. of secs. 16, 17, 20 and 21.  
 Thence I run  
 S. 89° 57' E., on a true line, bet. secs. 16 and 21,  
 over rolling mountainous land, through scattering undergrowth.  
 Desc. gradually on E. slope 25 ft. to  
 10.00 Wash, 10 lks. wide, course N.; asc. along broken W. slope.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam.; 6 ins. in the ground and 18 ins. in a mound of stone, for ¼ sec. cor. with brass cap, marked  
 ¼ S 16 in N. half,  
 S 21 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 41.20 Spur, 225 ft. above wash, extends NW.; desc. E. slope 270 ft. to  
 79.37 Wash, 15 lks. wide, course W.; desc. E. slope.  
 79.90 The cor. of secs. 15, 16, 21 and 22.  
 Land, mountainous and rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, catclaw, scrub oak, paloverde and cactus.  
 Dec. 24, 1915.  
 G. H. R.

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 H. P.  
 Dec. 29, 1915.  
 N. 0° 02' E., bet. secs. 15 and 16,  
 over mountainous land, through scattering undergrowth.

36.40 Wash, course E.; asc. SE. slope of butte.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked  
 ¼ in N.,  
 S 15 in E., and  
 S 16 in W. half; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to dig pits.  
 44.85 Summit of ascent, on E. side of top of butte; desc. gradually on NE. slope.  
 60.00 Spur extends N. 80° E., from butte about 10 chs. W. of line.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked

Subdivision of T. 23 N., R. 19 W.

Chains	<p>T 23 N S 9 in NW.,  R 19 W S 10 in NE.,  S 15 in SE., and  S 16 in SW. quadrant; and  1915 in S. rim;  and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to dig pits or set cor. in ground. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, juniper, catclaw, greasewood, cactus.  Dec. 29, 1915.</p>
40.00 79.98	<p>Dec. 27, 1915. West, on a random line, bet. secs 9 and 16. Set temp. ¼ sec. cor.  Intersect N. and S. line 14 lks. S. of cor. of secs. 8, 9, 16 and 17. Thence I run S. 89°54'E., on true line, bet. secs. 9 and 16, over mountainous land, through scattering brush, along broken NW. slope. Ravine, course N.; asc. gradually 180 ft. to Spur extends N.; desc. 75 ft. to Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., with brass cap, marked ¼ S 9 in N. half, S 16 in S. half, and 1915 in S. rim;  and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. in ground.</p>
9.67 36.60 39.99	<p>Ravine, course N.; asc. 85 ft. to Spur extends N.; desc. 220 ft. to The cor. of secs. 9, 10, 15 and 16. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, juniper and cactus.  Dec. 27, 1915.</p>
42.35 54.80 79.98	<p>Dec. 30, 1915. N. 0°02'E., bet. secs. 9 and 10, over mountainous land, through scattering undergrowth, along NE. and E. slopes. Wash, 5 lks. wide, course NE. Telephone line bears NW. and SE. Road bears NW. and SE. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked ¼ in N., S 9 in W., and S 10 in E. half, and 1915 in S. rim;  and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to dig pits or set cor. farther in ground.</p>
20.00 38.70 39.50 40.00	<p>Wash, 10 lks. wide, course NW. Center of wash, 80 lks. wide, course NW. Enter rolling prairie. Wash, 10 lks. wide, course SW. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10; with brass cap, marked</p>
45.00 49.40 69.60 80.00	<p>T 23 N S 4 in NW.,  R 19 W S 3 in NE.,  S 10 in SE., and  S 9 in SW. quadrant; and  1915 in S. rim;  and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, 50 chs. mountainous; balance rolling. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, catclaw, juniper and cactus.  Dec. 30, 1915, H. P.</p>
40.00 80.16	<p>G. H. R.  Dec. 27, 1915. West, on a random line, bet. secs. 4 and 9. Set temp. ¼ sec. cor. Intersect N. and S. line 12 lks. S. of cor. of secs. 4, 5, 8, and 9. Thence I run S. 89°55'E., on a true line, bet. secs. 4 and 9, over rolling prairie, through scattering undergrowth. Head of wash, course NE. Enter flat. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor.; with brass cap, marked</p>
24.95 40.08	

20

Subdivision of T. 23 N., R. 19 W.

Chains

50.00

80.16

15.00

32.70

37.00

40.00

63.00

83.98

14.85

30.65

40.00

$\frac{1}{4}$  S 4 in N. half,  
S 9 in S. half, and  
1915 in S. rim;

dig pits, 18x18x12 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.

Wash, 100 lks. wide, course NW.

The cor. of secs. 3, 4, 9 and 10.

Land, rolling. Soil, gravelly and sandy loam; 4th rate.

No timber. Undergrowth, juniper, catclaw, sage and cactus.

Dec. 27, 1915. G. H. R.

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H. P.

Dec. 30, 1915.

N.0°02'E., on a true line; bet. secs. 3 and 4,  
over rolling land, through scattering undergrowth.

Wash, 10 lks. wide, course SW.

Wash, 10 lks. wide, course NW.

Wash, 15 lks. wide, course SW.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked

$\frac{1}{4}$  in N.,

S 3 in E., and

S 4 in W. half; and

1915 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W.  
of cor. Impracticable to dig pits or set cor. farther in  
the ground.

Road, bears NE. and SW.

Intersect N. bdy. of Tp. 3.86 chs. E. of reestablished cor.  
of secs. 33 and 34, hereinbefore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 3 and 4, with brass cap,  
marked

CC in S. half,

T 24 N R 19 W S 34 in N. half,

T 23 N S 4 in SW., and

R 19 W S 3 in SE. quadrant; and

1915 in S. rim;

dig pits, 24x18x12 ins., crosswise on each line, E. and  
W., 3 ft., and S. of post, 7 ft. dist., and raise a mound  
of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, rolling. Soil, 2nd and 3rd rate. No timber.

Undergrowth, greasewood, juniper, catclaw and cactus.

Dec. 30, 1915.

H. P.

-----  
G. H. R.

Dec. 28, 1915.

At 9h 00m a.m., l.m.t., I set off 35°20' on the lat. arc;

23°17' S. on the decl. arc; and determine a meridian

with the solar, at the cor. of secs. 2, 3, 34 and 35,

on S. bdy. of Tp., reestablished as described in Book "E".

Thence I run

N.0°03'E., bet. secs. 34 and 35,

over mountainous land, through scattering undergrowth.

Desc. NE. slope 135 ft. to

14.85 Head of wash, 15 lks. wide, course SE.; asc. SE. slope  
470 ft. to

30.65 Spur extends SE.; desc. NE. slope 80 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground and 20 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked

Chains

$\frac{1}{4}$  in N.,  
 S 34 in W., and  
 S 35 in E. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 Desc. 150 ft. to  
 50.75 Head of draw, course SE.; asc. SW. slope 530 ft. to  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
 stone, on bed rock, for cor. of secs. 26, 27, 34 and 35,  
 with brass cap, marked  
 T 23 N S 27 in NW.,  
 R 19 W S 26 in NE.,  
 S 35 in SE., and  
 S 34 in SW. quadrant; and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in  
 the ground.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, scrub oak, juniper, catclaw and cactus.

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40.00 West, on a random line, bet. secs. 27 and 34.  
 80.24 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line 8 lks. S. of the cor. of secs.  
 27, 28, 33 and 34.  
 Thence I run  
 S.  $89^{\circ}57'E.$ , on a true line, bet. secs. 27 and 34,  
 over mountainous land, through scattering undergrowth.  
 Desc. SE. slope 55 ft. to  
 6.40 Wash, 10 lks. wide, course S.; asc. SW. slope.  
 40.12 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
 ground and 18 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  S 27 in N. half,  
 S 34 in S. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 43.10 Ridge, 600 ft. above wash, bears NW. and SE.; Desc. NE.  
 slope 180 ft. to  
 49.60 Head of draw, course N.  $10^{\circ}W.$ ; asc. NW. slope 135 ft. to  
 61.90 Ridge bears NE. and SW. Descend.  
 75.00 Ascend SW. slope.  
 80.24 The cor. of secs. 26, 27, 34 and 35.  
 Land, mountainous. Soil, rocky, 4th rate.  
 No timber.  
 Undergrowth, sagebrush, cactus, catclaw, greasewood,  
 spanish dagger and scrub oak.

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N.  $0^{\circ}03'E.$ , bet. secs. 26 and 27,  
 over mountainous land, through scattering undergrowth.  
 Asc. SW. slope 190 ft. to  
 28.00 Ridge bears NE. and SW.; desc. NW. slope 150 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
 ground and 8 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 26 in E., and  
 S 27 in W. half, and  
 1915 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

Chains

- 80.00 Desc. NW. slope 390 ft. to  
Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground and 9 ins. in a mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap, marked  
T 23 N S 22 in NW.,  
R 19 W S 23 in NE.,  
S 26 in SE., and  
S 27 in SW. quadrant; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, cactus, greasewood, catclaw, juniper, spanish dagger and sagebrush.
- 
- 40.00 West, on a random line, bet. secs. 22 and 27.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.20 Intersect N. and S. line 21 lks. S. of the cor. of secs. 21, 22, 27 and 28. Thence I run,  
S.  $89^{\circ}51'E.$  on a true line, bet. secs. 22 and 27.  
Over mountainous land, through scattering undergrowth. Desc.
- 1.20 Wash, course NE. Ascend 30 ft. to ~~scattering undergrowth.~~
- 6.00 Top of ascent. Descend 110 ft. to
- 16.15 Wash, 20 lks. wide, course N.; asc. NW. slope 220 ft. to
- 30.00 Spur extends N.; desc. E. slope.
- 40.10 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground and 12 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 22 in N. half,  
S 27 in S. half, and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.
- 55.00 Ft. of descent, 360 ft. below spur.
- 70.50 Wash, 8 lks. wide, course NE.; asc. NW. slope 135 ft. to
- 80.20 The cor. of secs. 22, 23, 26 and 27.  
Land, mountainous.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, juniper, catclaw, spanish dagger, sagebrush and cactus.
- Dec. 28, 1915.
- 
- Dec. 29, 1915.  
At 9h 30m a.m., l.m.t., I set off  $35^{\circ}21\frac{1}{2}'$  on the lat. arc;  $23^{\circ}14'$  S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 22, 23, 26 and 27.  
Thence I run  
N.  $0^{\circ}03'E.$ , bet. secs. 22 and 23,  
over rolling mountainous land, through scattering undergrowth.
- 19.85 Desc. NW. slope 140 ft. to
- 26.35 Wash, 25 lks. wide, course E.; asc. SE. slope 40 ft. to
- 34.60 Spur extends E.; desc. NE. slope 120 ft. to
- 40.00 Wash, 10 lks. wide, course E.; asc. broken SE. slope 40 ft. to  
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S N.,  
S 22 in W., and  
S 23 in E. half; and  
1915 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,

Chains

W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 68.25 Low spur extends E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground and 9 ins. in a mound of stone, for cor. of secs. 14, 15, 22 and 23, with brass cap, marked  
     T 23 N S 15 in NW.,  
     R 19 W S 14 in NE.,  
     S 23 in SE., and  
     S 22 in SW. quadrant; and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 Land, rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, sagebrush, cactus, palo verde, cedar and scrub oak.

West, on a random line, bet. secs. 15 and 22.  
 40.00 Set temp. ¼ sec. cor.  
 80.14 Intersect N. and S. line 9 lks. S. of the cor. of secs. 15, 16, 21 and 22.  
 Thence I run  
 S. 89°56'E., on a true line, bet. secs. 15 and 22, over rolling mountainous land, through scattering undergrowth.  
 35.15 Wash, 8 lks. wide, course NE.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked  
     ¼ S 15 in N. half,  
     S 22 in S. half, and  
     1915 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.  
 43.75 Road bears NE. and SW.  
 55.25 Point of spur extends N.; desc. NE. slope 115 ft. to  
 80.14 The cor. of secs. 14, 15, 22 and 23.  
 Land, rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, cactus, sagebrush, palo verde, juniper, scrub oak and spanish dagger.

Dec. 29, 1915.

Dec. 30, 1915.  
 At 9h 00m a.m., l.m.t., I set off 35°22½' on the lat. arc; 23°10½' S. on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 14, 15, 22 and 23.  
 Thence I run  
 N. 0°03'E., bet. secs. 14 and 15,  
 over rolling land, through scattering undergrow th.  
 39.00 Road bears NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ½ sec. cor., with brass cap, marked  
     ¼ in N.,  
     S 14 in E., and  
     S 15 in W. half; and  
     1915 in S. rim;  
 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.  
 65.00 Wash, 15 lks. wide, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass

Chains

cap, marked

T 23 N S 10 in NW.,  
R 19 W S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quadrant; and  
1915 in S. rim;

dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist., and  
raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of  
cor.

Land, prairie.

Soil, gravelly and sandy loam; 2nd rate.

No timber.

Undergrowth, cactus, catclaw, greasewood, sagebrush, juniper and palo verde.

At this cor. I set off 23°11' S. on the decl. arc; and at  
apparent noon, observe the sun on the meridian. The  
resulting lat. is 35°23 1/2'.

Dec. 30, 1915.  
G. H. R.

H. P.

Dec. 29, 1915.

At 9h oom a.m., l.m.t., I set off 35°23 1/2' on the lat. arc;  
23°10 1/2' 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

West, on a random line, bet. secs. 10 and 15.

40.00

Set temp. 1/4 sec. cor.

79.90

Intersect N. and S. line 5 lks. N. of the cor. of secs.  
9, 10, 15 and 16.

Thence I run

N.89°58'E., on a true line, bet. secs. 10 and 15,  
over rolling land, through scattering undergrowth.

39.95

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground and 6 ins. in a mound of stone, for 1/4 sec. cor.,  
with brass cap, marked

1/4 S 10 in N. half,  
S 15 in S. half, and  
1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor. Impracticable to dig pits or set cor. farther  
in the ground.

48.50

Wash, 10 lks. wide, course N.

59.00

Wash, 15 lks. wide, course NW.

79.90

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

Land, rolling.

Soil, rocky; 3rd and 4th rate.

No timber.

Undergrowth, greasewood, catclaw and juniper.

Dec. 29, 1915.  
H. P.

G. H. R.

Dec. 30, 1915.

N.0°03'E., bet. secs. 10 and 11,  
over rolling prairie, through scattering undergrowth.

31.30

Road bears E. and W.

35.70

Telephone line bears E. and W. runs along fence.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

1/4 in N.,  
S 10 in W., and  
S 11 in E. half; and  
1915 in S. rim;

dig pits, 18x18x12 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.

From cor. settler's cabin bears N.62°53'W., about 32 chs.  
distant.

55.00

Wash, 10 lks. wide, course W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

Chains

ground, for cor. of secs. 2, 3, 10 and 11, with brass cap, marked

T 23 N S 3 in NW.,  
 R 19 W S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quadrant; and  
 1915 in S. rim;

dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling prairie.  
 Soil, gravelly and sandy loam; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood, sagebrush, juniper and palo verde.

Dec. 30, 1915.

Dec. 27, 1915.

West, on a random line, bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.  
 79.80 Intersect N. and S. line at cor. of secs. 3, 4, 9 and 10.  
 Thence I run

East, on a true line, bet. secs. 3 and 10,  
 over rolling prairie, through scattering undergrowth.

33.90 Wash, 10 lks. wide, course S.70°W.  
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground and 16 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked

¼ S 3 in N. half,  
 S 10 in S. half, and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.

70.00 Wash, 10 lks. wide, course S.80°W.  
 71.10 Fence bears N.70°E., and S.70°W.  
 79.80 The cor. of secs. 2, 3, 10 and 11.

Land, rolling prairie.  
 Soil, gravelly loam; 4th rate.  
 No timber.  
 Undergrowth, Cactus, catclaw, spanish dagger, sagebrush and greasewood.

Dec. 27, 1915.

Dec. 30, 1915.

N.0°03'E., on a true line, bet. secs. 2 and 3,  
 over gently rolling land, through scattering undergrowth.

1.10 Fence bears E. and W.  
 20.00 Wash, 10 lks. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ in N.,  
 S 2 in E., and  
 S 3 in W. half, and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

83.92 Intersect N. bdy. of Tp. 3.53 chs. E. of the reestablished cor. of secs. 34 and 35, hereinbefore described.  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap, marked

T 24 N R 19 W S 35 in N. half,  
 CC in S. half,  
 T 23 N S 3 in SW., and  
 R 19 W S 2 in SE. quadrant; and  
 1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Chains

Land, rolling prairie.  
 Soil, stony loam; 3rd and 4th rate.  
 No timber.  
 Undergrowth, cactus, catclaw, greasewood and juniper.  
 Dec. 30, 1915.  
 G. H. R.

H. P.  
 Jan. 3, 1916.  
 At 8h 00m a.m., l.m.t., I set off 35°20' on the lat. arc;  
 22°52' S. on the decl. arc; and determine a meridian  
 with the solar, at the cor. of secs. 1, 2, 35 and 36; on  
 S. bdy. of ~~the~~ preestablished as described in Book "E".

Thence I run  
 N.0°03'E., bet. secs. 35 and 36,  
 over mountainous land, through scattering undergrowth.  
 Asc. S. slope.  
 9.50 Change to SW slope.  
 27.00 Summit of ascent, 400 ft. above sec. cor.; desc. grad-  
 ually along broken E. slope 75 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 35 in W., and  
 S 36 in E. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor., Impracticable to dig pits or set cor. far-  
 ther in the ground.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
 stone, for cor. of secs. 25, 26, 35 and 36, with brass  
 cap, marked  
 T 23 N., S 26 in NW.,  
 R 19 W S 25 in NE.,  
 S 36 in SE., and  
 S 35 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in  
 the ground.

Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and juniper.

40.00 West, on a random line, bet. secs. 26 and 35.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. and S. line 3 lks. N. of the cor. of secs.  
 26, 27, 34 and 35.  
 Thence I run  
 N.89°59'E., on a true line, bet. secs. 26 and 35,  
 over mountainous land, through scattering undergrowth.  
 Asc. 115 ft. to  
 4.00 Spur extends SE.; desc. 390 ft. to  
 16.25 Ravine, course SE.; asc. broken SW. slope 90 ft. to  
 27.70 Spur extends SE.; desc.  
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground, and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  S 26 in N. half,  
 S 35 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 50.75 Wash, 590 ft. below spur, 10 lks. wide, course SE.; asc.

Chains

56.15 Wash, 15 lks. wide, course S.; asc. W. slope 250 ft. to  
 72.60 Ridge bears N. and S.; desc. E. slope 70 ft. to  
 79.92 The cor. of secs. 25, 26, 35 and 36.  
 Land, mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood and catclaw.

-----  
 East, on a true line, bet. secs. 25 and 36,  
 over mountainous land, through scattering undergrowth.  
 Desc. E. slope 340 ft. to  
 20.00 Ft. of descent; leave mountainous land and enter prairie.  
 20.85 Wash, 10 lks. wide, course SW.  
 35.85 Wash, 20 lks. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 25 in N. half,  
 S 36 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

At this cor. I set off  $22^{\circ}52\frac{1}{2}'$  S. on the decl. arc; and at  
 apparent noon observe the sun on the meridian. The re-  
 sulting lat. is  $35^{\circ}21'$ .  
 47.50 Wash, 10 lks. wide, course SW.  
 79.14 Intersect East bdy. of township, (5th. Guide  
 79.14 Meridian West), 73 lks. S.  $0^{\circ}31'$  E. of the reestablished  
 cor. of secs. 30 and 31, described in Book "B".  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 25 and 36, with brass  
 cap, marked  
 CC in W. half,  
 T 23 N S 31 R 18 W in E. half,  
 T 23 N S 25 in NW., and  
 R 19 W S 36 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, mountainous for W. 20 chs., and prairie for balance.  
 Soil, rocky and sandy; 3rd and 4th rate.  
 No timber.  
 Undergrowth, juniper, greasewood, catclaw and cactus.

-----  
 From cor. of secs. 25, 26, 35 and 36,  
 N.  $0^{\circ}03'$  E., bet. secs. 25 and 26,  
 over mountainous land, through scattering undergrowth.  
 Along broken E. slope.  
 30.00 Spur extends N.  $30^{\circ}$  E.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
 ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 25 in E., and  
 S 26 in W. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground. Desc. NW. slope.  
 64.10 Wash, 7 lks. wide, course NE.  
 70.05 Wash, 235 ft. below  $\frac{1}{4}$  sec. cor., 7 lks. wide, course SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the  
 ground and 4 ins. in a mound of stone, for cor. of secs.  
 23, 24, 25 and 26, with brass cap, marked

28

Subdivision of T. 23 N., R. 19 W.

Chains

T 23 N S 23 in NW.,  
R 19 W S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quadrant; and  
1916 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. farther  
in the ground.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, juniper, greasewood, catclaw and cactus.

Jan. 3, 1916.

-----  
Jan. 4, 1916.

At 8h 00m a.m., l.m.t., I set off  $35^{\circ}21\frac{1}{2}'$  on the lat. arc;  
 $22^{\circ}45'$  S. on the decl. arc; and determine a meridian  
with the solar at the cor. of secs. 23, 24, 25 and 26.

Thence I run

West, on a random line, bet. secs. 23 and 26.

40.00

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

79.94

Intersect N. and S. line at the cor. of secs. 22, 23, 26  
and 27.

Thence I run

East, on a true line, bet. secs. 23 and 26,  
over mountainous land, through scattering undergrowth.  
Asc. NW. slope 170 ft. to

12.70

Top of spur extends N.; desc. E. slope 300 ft. to

36.20

Wash, 5 lks. wide, course N.; asc. W. slope.

39.97

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground and 14 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.  
with brass cap, marked

$\frac{1}{4}$  S 23 in N. half,

S 26 in S. half, and

1916 in S. rim;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Impracticable to dig pits or set cor. farther  
in the ground.

44.90

Spur, 85 ft. above wash, extends N.; desc. E. slope 270  
ft. to

66.80

Wash, 5 lks. wide, course SE.

70.00

Asc. 35 ft. to

74.30

Top of spur extends SE.; desc. 50 ft. to

79.94

The cor. of secs. 23, 24, 25 and 26.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, juniper, greasewood, catclaw and cactus.

-----  
East, on a true line, bet. secs. 24 and 25,  
over rolling prairie, through scattering undergrowth.

6.50

Wash, 5 lks. wide, course SE.

30.00

Wash, 15 lks. wide, course SW.

40.00

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

$\frac{1}{4}$  S 24 in N. half,

S 25 in S. half, and

1916 in S. rim;

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

68.00

Wash, 10 lks. wide, course SW.

78.50

Intersect east bdy. of Tp., (5th. Guide Meridian West)

78.50

1.50 chs. S.  $0^{\circ}31'$  E. of the reestablished ~~reestablished~~  
cor. of secs. 19 and 30, described in Book "B."

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 24 and 25, with brass  
cap, marked

Chains

CC in W. half,  
 T 23 N S 30 R 18 W in E. half,  
 T 23 N S 24 in NW., and  
 R 19 W S 25 in SW. quadrant; and  
 1916 in S. rim;

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

Jan. 4, 1916.

- 
- Jan. 3, 1916. From cor. of secs. 23, 24, 25 and 26, run  
 N.  $0^{\circ}03'E.$ , bet. secs. 23 and 24,  
 over mountainous land, through scattering undergrowth.  
 7.50 Wash, 10 lks. wide, course SE.; asc. broken SW. slope  
 175 ft. to  
 31.20 Spur extends SE.; desc. 100 ft. to  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
 ground and 16 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 23 in W., and  
 S 24 in E. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 50.86 Wash, 15 lks. wide, course E.  
 Thence over rolling land.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the  
 ground and 4 ins. in a mound of stone, for cor. of secs.  
 13, 14, 23 and 24, with brass cap, marked  
 T 23 N S 14 in NW.,  
 R 19 W S 13 in NE.,  
 S 24 in SE., and  
 S 23 in SW. quadrant; and  
 1916 in S. rim;  
 dig pits,  $18 \times 18 \times 12$  ins., in each sec.,  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Land, mountainous in S. 50 chs., and rolling in balance.  
 Soil, coarse sand, stony; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, juniper and cactus.
- 
- West, on a random line, bet. secs. 14 and 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. and S. line 7 lks. N. of cor. of secs. 14, 15,  
 22 and 23.  
 Thence I run  
 N.  $89^{\circ}57'E.$ , on a true line, bet. secs. 14 and 23,  
 over rolling prairie, through scattering undergrowth.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the  
 ground and 4 ins. in a mound of stone, for  $\frac{1}{2}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{2}$  S 14 in N. half,  
 S 23 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 80.10 The cor. of secs. 13, 14, 23 and 24.  
 Land, rolling.  
 Soil, stony and sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood, juniper, catclaw and cactus.  
 Jan. 3, 1916.
-

Chains

Jan. 4, 1916.  
 East, on a true line, bet. secs. 13 and 24,  
 over rolling prairie, through scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  S 13 in N. half,  
 S 24 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

54.00 Wash, 10 lks. wide, course SW.

65.00 Wash, 5 lks. wide, course SW.

77.57 Intersect E. bdy. of Tp. 15th Guide Meridian W. + 2.06 chs S.  
 0°31'E. of reestablished cor. of secs. 18 and 19, described in  
 Book "B." At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 13 and 24, with brass  
 cap, marked  
 CC in W. half,  
 T 23 N S 19 R 18 W in E. half,  
 T 23 N S 13 in NW., and  
 R 19 W S 24 in SW. quadrant; and  
 1916 in S. rim;  
 dig pits, 24x18x12 ins., crosswise on each line, N. and  
 S. of post, 3 ft., and W. 7 ft. dist., and raise a mound  
 of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
 Soil, coarse sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood, catclaw, juniper and cactus.  
 At this cor. I set off 22°47' S. on the decl. arc; and  
 at apparent noon observe the sun on the meridian.  
 The resulting lat. is 35°22 $\frac{1}{2}$ '. Jan. 4, 1916.

-----  
 From cor. of secs. 13, 14, 23 and 24, run  
 N. 0°03'E., bet. secs. 13 and 14,

40.00 over rolling prairie, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 13 in E., and  
 S 14 in W. half; and  
 1916 in S. rim;  
 dig pits, 18x18x12 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.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 11, 12, 13 and 14, with brass  
 cap, marked  
 T 23 N S 11 in NW.,  
 R 19 W S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quadrant; and  
 1916 in S. rim;  
 dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist.,  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.

Land, rolling prairie.  
 Soil, 2nd rate.  
 No timber.  
 Undergrowth, greasewood, cactus and sagebrush. Some grass.  
 Jan. 4, 1916.  
 H. P.

-----  
 G. H. R.  
 Dec. 30, 1915.  
 West, on a random line, bet. secs. 11 and 14.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

Subdivision of T. 23 N., R. 19 W.

Chains

80.20 Intersect N. and S. line 4 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence I run N.89°58'E., on a true line, bet. secs. 11 and 14, over rolling prairie, through scattering undergrowth.

40.10 Set an iron post, 3 ft. long, 1 in. diam; 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked 1/4 S 11 in N. half, S 14 in S. half, and 1915 in S. rim; dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

64.00 Road bears NE. and SW.

70.00 Road bears NW. and SE.

80.20 The cor. of secs. 11, 12, 13 and 14.

Land, level prairie. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, juniper, catclaw, sagebrush and cactus.

40.00 East, on a true line, bet. secs. 12 and 13, over gently rolling land, through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked 1/4 S 12 in N. half, S 13 in S. half, and 1915 in S. rim;

dig pits, 18x18x12 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.

76.53, 76.53 Intersect east bdy. of township (5th. Guide Meridian West), 2.69 chs. S. 0° 31' E. of the reestablished cor. of secs. 7 and 18, described in Book "B".

At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 12 and 13, with brass cap, marked

T 23 N S 18 R 18 W in E. half, CC in W. half, T 23 N S 12 in NW., and R 19 W S 13 in SW. quadrant; and 1915 in S. rim;

dig pits, 24x18x12 ins., crosswise on each line, N. and S. of cor., 3 ft., and W. of cor. 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level. Soil, gravelly loam; 3rd rate. No timber. Undergrowth, greasewood and cactus.

Dec. 30, 1915. G. H. R.

H. P. Jan. 4, 1916. From cor. of secs. 11, 12, 13 and 14, run, N. 0° 03' E., bet. secs. 11 and 12, over rolling prairie, through scattering undergrowth.

18.70 Road bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked 1/4 in N., S 11 in W., and S 12 in E. half, and 1916 in S. rim;

dig pits, 18x18x12 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.

69.60 Road bears NE. and SW.

Chains

70.00 Telephone line bears NE. and SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked

T 23 N S 2 in NW.,  
 R 19 W S 1 in NE.,  
 S 12 in SE., and  
 S 11 in SW. quadrant; and  
 1916 in S. rim;

dig pits, 18x18x12 ins., in each sec., 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
 Soil, coarse and sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, cactus and catclaw.

Jan. 4, 1916.

---

Dec. 30, 1915.  
 West, on a random line, bet. secs. 2 and 11.  
 40.00 Set temp. ¼ sec. cor.  
 80.14 Intersect N. and S. line at the cor. of secs. 2, 3, 10 and 11.  
 Thence I run  
 East, on a true line, bet. secs. 2 and 11, over rolling prairie, through scattering undergrowth.

17.80 Wash, 5 lks. wide, course SW.  
 20.00 Wash, 5 lks. wide, course SW.  
 35.30 Fence bears N. and S.  
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ S 2 in N. half,  
 S 11 in S. half, and  
 1915 in S. rim;

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.14 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling prairie.  
 Soil, coarse and sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood and cactus.

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East, on a true line, bet. secs. 1 and 12, over rolling prairie, through scattering undergrowth.

14.50 Telephone line bears NE. and SW.  
 15.00 Road bears NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

¼ S 1 in N. half,  
 S 12 in S. half, and  
 1915 in S. rim;

dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

56.50 Road bears NE. and SW.  
 59.00 Road bears NW. and SE.  
 64.30 Telephone line bears NW. and SE.  
 76.48 Intersect E. bdy. of Tp. (5th Guide Meridian West), 3.20 chs. S 0° 2' E. of established cor. of secs. 6 and 7, described in Book B. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 1 and 12, with brass cap, marked

CC in W. half,  
 T 23 N S 7 R 18 W in E. half,  
 T 23 N S 1 in NW., and  
 R 19 W S 12 in SW. quadrant; and

Chains

1915 in S. rim;  
 dig pits, 24x18x12 ins., crosswise on each line, N. and S. of post 3 ft., and W. 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Land, rolling prairie.  
 Soil, coarse and sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and cactus.  
 Dec. 30, 1915.

37.90  
40.00

Jan. 4, 1916. From cor. of secs. 1, 2, 11 and 12, N.0°03'E., on a true line, bet. secs. 1 and 2, over rolling prairie, through scattering undergrowth. Wash, 25 lks. wide, course SW.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 1 in E., and  
 S 2 in W. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

42.00  
66.70  
83.81

Enter broad wash, course SW.  
 Leave same.  
 Intersect N. bdy. of Tp. 3.50 chs. E. of the reestablished cor. of secs. 35 and 36, hereinbefore described.  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap, marked  
 T 24 N R 19 W S 36 in N. half,  
 CC in S. half,  
 T 23 N S 2 in SW., and  
 R 19 W S 1 in SE. quadrant; and  
 1916 in S. rim;  
 dig pits, 24x24x12 ins., crosswise on each line, E. and W. of post, 3 ft. and S., 7 ft., dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.  
 Land, rolling prairie.  
 Soil, rocky and sandy; 4th rate.  
 No timber.  
 Undergrowth, cactus and catclaw.

Jan. 4, 1916.  
H. P.

For table of latitudes and departures, with closing errors, see Book "A".

GENERAL DESCRIPTION.

The south half of this township is rolling mountainous, and the north half, rolling prairie.  
 The soil in the former is rocky; 4th rate, and in the latter a gravelly loam; 2nd and 3rd rate.  
 Vegetation consists of desert growth, such as juniper, catclaw, greasewood, cactus, and scrub oak.  
 There is no water. A settler's cabin, in fenced inclosure, is located in section 10.  
 The mountainous portion of the township contains some indication of mineral.

36  
BOOK 3144

FOR CERTIFICATES OF UNITED STATES SURVEYOR.  
AND UNITED STATES TRANSITMAN  
See Books "A" and "C"

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 accord-  
ance 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, Ariz., *March 9*, 1918.

re-

The foregoing field notes of the survey of the \_\_\_\_\_

South Boundary of

TOWNSHIP 24 NORTH, RANGE 19 WEST.

and survey of the

SUBDIVISION LINES OF TOWNSHIP 23 NORTH, RANGE 19 WEST.

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

executed by Guy H. Richardson, U.S. Surveyor, and Hugo Price, U.S. Transitman,  
under ~~his~~ special instructions dated January 6, 1915, for Group 44., having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
~~resurveys and~~ surveys they describe, are hereby approved.

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.~~