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4-679

Book "K."
(Subdivisions)

BOOK 2886

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 20 NORTH, RANGE 21 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 January 4, 1915,

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

Group No. 43, which were approved by the Commissioner of the General Land

Office, January 22, 1915.

Survey commenced April 15, 1915.

Survey completed April 22, 1915.

Executed under assignment
Instructions dated Jan. 31-1915.

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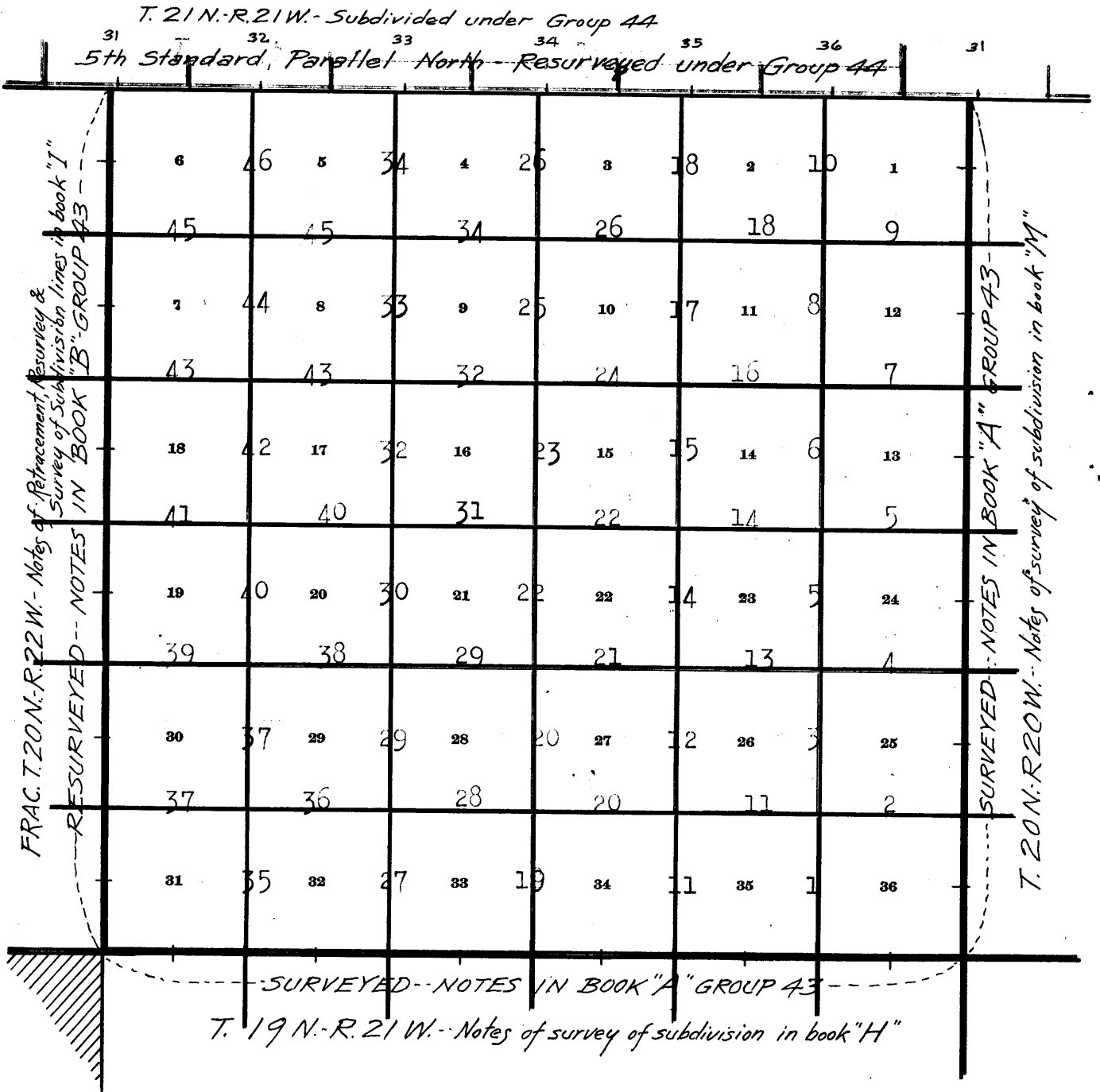
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1A

BOOK 2886

Book "K" Group 43
T. 20N.-R. 21W.

INDEX DIAGRAM.



- Surveys described in field notes of Group 43
- ===== Surveys described in field notes of Group 44
- Accepted surveyed lines.
- ////// Shaded area surveyed as per accepted plats on file.

Subdivision of T. 20 N., R. 21 W.

Chains Survey commenced April 15, 1915, and executed jointly by Guy H. Richardson, U. S. Surveyor, and Hugo Price, U. S. Transitman, with Young & Sons light mountain transits, Nos. 8484 and 8476 respectively. The instruments are provided with Smith solar attachments, and were approved by the Assistant Supervisor of Surveys for Arizona and California on Jan. 31, 1915.

For field test of instruments on a meridian obtained by Polaris observation, see notes of the subdivision of T. 17 N., R. 20 W., in Book "E."

Lines run by Hugo Price, U.S.T., as follows:

At the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., an iron post, with brass cap, described in Book "A," at 10h. 0m., a. m., l.m.t., set off 9° 34' N. on the decl. arc, and 35° 4' N. on the lat. arc, and determine a meridian with the solar, Thence I run,

N. 0° 1' W. bet. secs. 35 and 36.

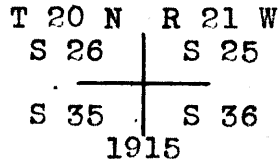
- 4.76 Desc. over rolling land.
- 4.76 Wash, course W., 100 ft. below sec. cor., asc.
- 15.85 Top of spur, slopes W., 104 ft. above wash, desc.
- 19.18 Gulch, course NW., 107 ft. below top of spur, asc.
- 36.40 Top of spur, slopes W., 50 ft. above gulch, desc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 19 ins. in the ground, to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 35	S 36
1915	
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 41.18 Gulch, course W., 50 ft. below top of spur, asc.
- 46.58 Top of spur, slopes W., 17 ft. above gulch, desc.
- 49.88 Gulch, course SW., 56 ft. below top of spur, asc.
- 59.83 Top of spur, slopes W., 45 ft. above gulch, desc.
- 64.72 Gulch, course SW., 70 ft. below top of spur, thence over level land, bears E. and W.
- 74.12 Telephone line, bears NE. and SW.

Chains

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

At the cor. of secs. 25, 26, 35 and 36, at apparent noon, I set off 9° 36' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 5' N., April 15, 1915.

Thence I run

S. 89° 43' E. on a random line bet. secs. 25 and 36.

40.00

Set temp. 1/4 sec. cor.

80.14

Intersect the E. bdy. of the township 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "A."

Thence I run

N. 89° 39' W. on a true line bet. secs. 25 and 36.

Over level and gently rolling land.

10.15

Enter Silver Creek wash, course N. 75° W.

25.15

Leave wash, asc.

34.14

Telephone line, bears SE. and NW.

40.07

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

1/4 S 25

S 36
1915

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

52.20 Top of spur, slopes N., 38 ft. above wash, desc.

72.26 Telephone line, bears NE. and SW., 28 ft. below top of spur, asc.

80.14 Cor. of secs. 25, 26, 35 and 36, 35 ft. above telephone line.

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

April 15, 1915.

April 16, 1915; At the cor. of secs. 25, 26, 35 and 36, at 10h., Om., a. m., l.m.t. set off 9° 56' N. on the decl. arc, 35° 5' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' W. bet. secs. 25 and 26.

Asc. over rolling land.

4.50 Road, bears E. and W.

8.90 Top of spur, slopes E., 65 ft. above sec. cor., desc.

25.65 Silver Creek wash, course W., 100 ft. below top of spur, asc.

29.70 Top of spur, slopes W., 60 ft. above wash, desc.

34.60 Gulch, course W., 63 ft. below top of spur, asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 26	S 25
1915	

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

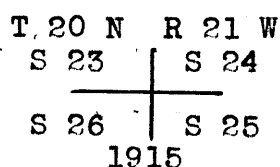
51.45 Top of spur, slopes W., 50 ft. above gulch, desc.

62.08 Gulch, course W., 100 ft. below top of spur, asc.

66.20 Top of spur, slopes W., 50 ft. above gulch, desc.

80.00 32 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock,

Chains in a mound of stone, for corners secs. 23, 24, 25 and 26, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. $89^{\circ} 39'$ E. on a random line bet. secs. 24 and 25.

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

80.18 Intersect the E. bdy. of the twp. 12 lks. S. of the cor. of secs. 19, 24, 25 and 30, described in Book "A".

Thence I run

N. $89^{\circ} 44'$ W. on a true line bet. secs. 24 and 25.

Over level land.

40.09 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., with a brass cap, marked

$\frac{1}{4}$ S 24

S 25
1915

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

41.45 Top of ridge, bears N. and S., 14 ft. above $\frac{1}{4}$ sec. cor., desc.

80.18 Cor. of secs. 23, 24, 25 and 26, 270 ft. below top of ridge.

Land, level and rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

Subdivision of T. 20 N., R. 21 W.

Chains April 16, 1915; at the cor. of secs. 23, 24, 25 and 26,
at apparent noon, I set off $9^{\circ} 57\frac{1}{2}'$ N. on the decl. arc,
and observe the sun on the meridian for lat. The result-
ing latitude is $35^{\circ} 6'$ N.

Thence I run

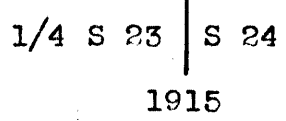
N. $0^{\circ} 1'$ W. bet. secs. 23 and 24.

Asc. over rolling land.

20.35 Top of ridge, bears E. and W., 370 ft. above sec. cor.,
desc.

40.00 Wide shallow wash, course W., 340 ft. below top of ridge.

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

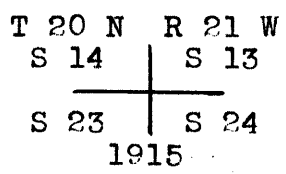


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor., asc.

62.85 Top of ridge, bears E. and W., 150 ft. above wash, desc.

80.00 170 ft. below top of ridge, set an iron post, 3 ft. long,

2 ins. in diam., 12 ins. in the ground, to solid rock,
in a mound of stone, for cor. of secs. 13, 14, 23 and
24, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. $89^{\circ} 44'$ E. on a random line bet. secs. 13 and 24.

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

80.16 Intersect the E. bdy. of the twp. 12 lks. N. of the cor.
of secs. 13, 18, 19 and 24, described in Book "A."

Thence I run

Chains	N. 89° 39' W. on a true line bet. secs. 13 and 24. Asc. over rolling land.
15.20	Top of spur, slopes N., 120 ft. above sec. cor., desc.
18.80	Gulch, course N., 65 ft. below top of spur, asc.
20.98	Old mine road, bears N. and S.
27.75	Top of spur, slopes N., 155 ft. above gulch, desc.
35.35	Gulch, course N., 153 ft. below top of spur, asc.
40.08	Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked 1/4 S 13 S 24 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
49.35	Top of spur, slopes N., 245 ft. above gulch, desc.
80.16	Cor. of secs. 13, 14, 23 and 24, 456 ft. below top of spur. Land, rolling. Soil, stony, 4th. rate. Undergrowth, greasewood, sagebrush and cactus. No grass. Hugo Price, U.S.T. April 16, 1915.

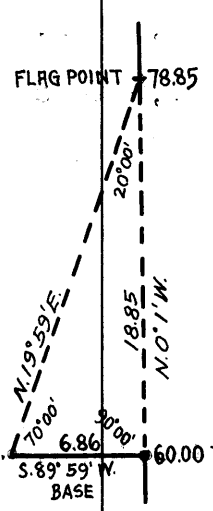
	April 19, 1915; lines run by Guy H. Richardson, U.S.S. as follows: At the cor. of secs. 13, 14, 23 and 24, I run N. 0° 1' W. bet. secs. 13 and 14. Desc. over rolling land.
5.00	Wash, course S. 65° W., 35 ft. below sec. cor., asc.
11.40	Top of 60 ft. ascent.
15.00	Descend.
20.00	Foot of 35 ft. descent, asc.
22.25	Top of 24 ft. ascent, desc.
24.85	Foot of 18 ft. descent, thence over level land, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Subdivision of Township 20 North, Range 21 West. 7.

Chains.

the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked,
 $\frac{1}{4}$ S 14 | S 13
1915

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
60.00 S. edge of canyon, course N. 65° W., 200 ft. deep. As it is im-
practicable to chain measurement on sec. line across
this canyon, I triangulate as follows:



Set a flag on sec. line N. $0^\circ 1'$ W. of this triangulation
point.

From triangulation point lay off a base, S. $89^\circ 59'$ W.,
6.86 chs.

From west end of base, flag brs. N. $19^\circ 59'$ E.

Included angles are $90^\circ 00'$, $70^\circ 00'$, and $20^\circ 00'$, the
sum of which is $180^\circ 00'$.

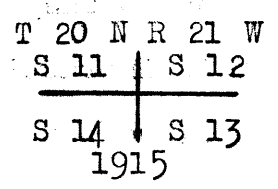
Therefore dist. on sec. line from triangulation
point to flag is obtained by

Tang. $70^\circ 00'$ x base or $2.74748 \times 6.86 = 18.85$ chs.

$60.00 \text{ chs.} + 18.85 \text{ chs.} =$

78.85 Flag point. Thence chaining measurement, ascending.

80.00 70 ft. above S. edge of canyon, set an iron post, 3 ft.
long, 2 ins. in diam., 24 ins. in the ground for cor.
of secs. 11, 12, 13 and 14, with a brass cap, marked



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

Land, level and rolling.

Soil, stony, 4th rate. Undergrowth, greasewood and cactus.
April 19, 1915.

April 20, 1915: At the cor. of secs. 11, 12, 13 and 14, at 9h.
a.m., l.m.t., set off $11^\circ 19'$ N. on the decl. arc; $35^\circ 7\frac{1}{2}'$ N.
on the lat. arc, and determine a meridian with the solar.

Thence I run,
S. $89^\circ 39'$ E., on a random line, bet. secs. 12 and 13.

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

80.02 Intersect the E. bdy. of the Tp. 16 lks. S. of the cor.

8. Subdivision of Township 20 North, Range 21 West

Chains.

of secs.7,12,13 and 18,described in Book "A."

Thence I run,

N.89°46'W.,on a true line, bet. secs.12 and 13.

Ascend over rolling land.

8.12 Top of 50 ft.ascent; descend.

20.65 Creek, 4 lks.wide,20 ins.deep, course S.15°W., 105 ft.be-
low top of ascent.

34.40 Same creek, course N.65°W.; ascend.

40.01 45 ft. above creek, set an iron post 3 ft.long, 1 in.in
diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor.,with a
brass cap,marked

$\frac{1}{4}$ S 12

S 13
1915

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

Thence over slightly rolling land.

80.02 Cor.of secs.11,12,13 and 14.

Land, rolling.

Soil,stonny,4th rate. Undergrowth,greasewood and cactus.

Owing to deep canyon about 8 chs. N.of the cor.of secs.
11,12,13 and 14, it is impracticable to chain measure-
ment N.0°1'W. on sec.line bet. secs.11 and 12; there-
fore I triangulate as follows:

Set a flag on sec.line N.0°1' W.from sec.cor.

From sec.cor.lay off a base S.89°59'W., 5.00 chs.

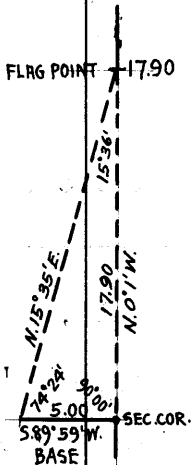
From west end of base, flag brs. N.15°35' E.

Included angles are 90°00',74°24' and 15°36',the
sum of which is 180°00'

Therefore, dist.on sec.line from sec.cor. to flag
is obtained by

Tang. 74° 24' x base or 3.58160 x 5.00 =17.90 chs.

17.90 Flag point. Thence continue measurement by chaining.



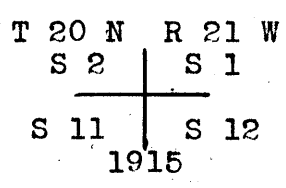
Chains Over slightly rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with a brass cap, marked
1/4 S 11 | S 12
1915

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

Asc. from 1/4 sec. cor. over rolling land.

80.00 125 ft. above 1/4 sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

At the cor. of secs. 1, 2, 11 and 12, at apparent noon, I set off 11° 21 1/2' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 8 1/2' N., April 20, 1915.

S. 89° 46' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect the E. bdy. of the twp. 16 lks. N. of the cor. of secs. 1, 6, 7 and 12, described in Book "A."

Thence I run

N. 89° 39' W. on a true line bet. secs. 1 and 12.

Desc. slightly over rolling land.

40.06 30 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

Chains

1/4 S 1

S 12
1915

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

60.12 Wash, course N. 75° W.

80.12 Cor. of secs. 1, 2, 11 and 12.

Land, level and rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

N. 0° 1' W. on a true line, bet. secs. 1 and 2.

Desc. over rolling land.

10.00 Wash, course N. 70° W., 35 ft. below sec. cor., asc.

40.00 58 ft. above wash, set an iron post, 3 ft. long, 1 in.

in diam., 26 ins. in the ground for 1/4 sec. cor.,

with a brass cap, marked

1/4 S 2 | S 1
1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor. Thence over slightly rolling land.

64.16 Intersect the 5th. Standard Parallel N. 4.80 chs. W. of
Std. 1/4 sec. cor. of sec. 36, T. 21 N., R. 21 W., which is an
iron post and mound of stone reestablished under cur-
rent Group 44. At 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. 1 and 2, with a
brass cap, marked

C C
S 2 | S 1
T. 20 N | R 21 W
1915

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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

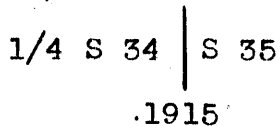
Guy H. Richardson, U.S.S.
April 20, 1915.

Chains April 15, 1915; Lines run by Hugo Price, U.S.T. as follows:

From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the twp, described in Book "A," I run, N. 0° 1' W. bet. secs. 34 and 35.

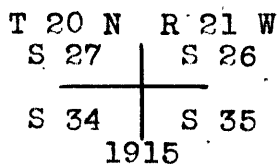
Asc. over rolling land.

- 4.97 Top of spur, slopes W., 35 ft. above sec. cor., desc.
- 16.92 Gulch, course SW., 54 ft. below top of spur, asc.
- 22.60 Top of spur, 60 ft. above gulch, desc.
- 29.86 Gulch, course SW., 34 ft. below top of spur, asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with a brass cap, marked



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

- 42.98 Top of spur, 42 ft. above gulch, desc.
- 51.48 Telephone line, bears N. 70° E. and S. 70° W.
- 54.88 Gulch, course SW, 45 ft. below top of spur, asc.
- 77.86 Road, bears E. and W., 28 ft. above gulch.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with a brass cap, marked



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

Land, rolling

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 43' E. on a random line bet. secs. 26 and 35.

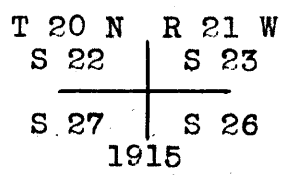
- 40.00 Set temp. 1/4 sec. cor.
- 80.16 Intersect N. and S. line 12 lks. S. of the cor. of secs.

Chains	<p>25, 26, 35 and 36.</p> <p>Thence I run</p> <p>N. 89° 48' W. on a true line bet. secs. 26 and 35.</p> <p>Over level land.</p> <p>28.16 Road, bears NE. and SW.</p> <p>40.08 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked</p> <p style="text-align: center;">1/4 S 26</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">S 35 1915</p> <p>and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.</p> <p>80.16 Cor. of secs. 26, 27, 34 and 35.</p> <p>Land, level.</p> <p>Soil, stony, 4th. rate.</p> <p>Undergrowth, greasewood, sagebrush and cactus.</p> <p>No grass.</p> <p style="text-align: right;">Hugo Price, U.S.T. April 15, 1915.</p> <hr style="border-top: 1px dashed black;"/> <p>April 16, 1915; Lines run by Guy H. Richardson, U.S.S., as follows: From the cor. of secs. 26, 27, 34 and 35, I</p> <p style="padding-left: 40px;">run</p> <p>N. 0° 1' W. bet. secs. 26 and 27.</p> <p>Over rolling land.</p> <p>1.50 Draw, course W., asc.</p> <p>10.00 Top of 58 ft. ascent, desc.</p> <p>19.88 Foot of 70 ft. descent, asc.</p> <p>23.75 Top of 44 ft. ascent, desc.</p> <p>32.30 27 ft. below top of ascent, entered Silver Creek wash, course N. 75° W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked</p> <p style="text-align: center;">1/4 S 27 S 26</p> <p style="text-align: center;">1915</p> <p>and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.</p>
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Subdivision of T. 20 N., R. 21 W.

Chains

- 41.75 Leave Silver Creek wash, asc.
- 50.00 Top of 60 ft. ascent, desc.
- 65.00 Foot of 37 ft. descent, asc.
- 70.52 Top of 72 ft. ascent, desc.
- 80.00 60 ft. below top of ascent, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

S. 89° 48' E. on a random line bet. secs. 23 and 26.

- 40.00 Set temp. 1/4 sec. cor.
- 80.06 Intersect N. and S. line 14 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence I run

N. 89° 54' W. on a true line bet. secs. 23 and 26.

Desc. over rolling land.

- 5.20 Enter level land, bears N. and S., 35 ft. below sec. cor.
- 22.75 Wash, course S. 75° W., asc.

- 40.03 120 ft. above wash, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 23

S. 26
1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., desc. from 1/4 sec. cor.

- 80.06 Cor. of secs. 22, 23, 26 and 27, 188 ft. below 1/4 sec. cor.

14

Subdivision of T. 20 N., R. 21 W.

Chains Land, rolling.
Soil, stony, 4th. rate.
Undergrowth, greasewood, sagebrush and cactus.

N. 0° 1' W. bet. secs. 22 and 23.
Asc. over rolling land.

8.45 Top of 60 ft. ascent.
15.00 Begin to descend.
26.00 Foot of 75. ft. descent, wash, course W., asc.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 22		S 23
1915		

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

60.00 Top of 100 ft. ascent, desc.
75.00 Foot of 58 ft. descent, wash, course W., asc.
80.00 17 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with a brass cap, marked

T 20 N		R 21 W
S 15		S 14

S 22		S 23
1915		

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

Land, rolling.
Soil, stony, 4th. rate.
Undergrowth, greasewood and cactus.

April 16, 1915.

April 19, 1915; At the cor. of secs. 14, 15, 22 and 23, at 8h. 0m., a. m., l.m.t., set off 10° 57½' N. on the decl. arc, and 35° 7' N. on the lat. arc, and determine a meridian with the solar. Thence I run, S. 89° 54' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

Subdivision of Township 20 North Range 21 West. 15.

Chains
79.98 Intersect the cor. of secs. 13, 14, 23 and 24.
Thence I run,
N. 89° 54' W., on a true line, bet. secs. 14 and 23.
Descend over rolling land.

4.98 Wash, course S. 65° W., 74 ft. below sec. cor.; ascend.
10.00 Top of 22 ft. ascent; descend.
20.00 Foot of 44 ft. descent; thence over level land.
39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked

$\frac{1}{4}$ S 14

S 23
1915

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

65.00 Leave level land; descend.
78.30 Wash, course S. 15° W., 75 ft. below level land.
79.98 Cor. of secs. 14, 15, 22 and 23.
Land, level and rolling. Soil, stony, 4th rate.
Undergrowth, greasewood and sagebrush.

N. 0° 1' W., bet. secs. 14 and 15.
Ascend gradually over rolling land.

40.00 36 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in
diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass
cap, marked

$\frac{1}{4}$ S 15 | S 14
1915

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.; descend slightly over rolling land.

80.00 17 ft. below $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 2 ins.
in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14
and 15, with a brass cap, marked

T 20 N R 21 W
S 10 | S 11
S 15 | S 14
1915

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

16 Subdivision of Township 20 North, Range 21 West

Chains.

Land slightly rolling. Soil, stony, 4th rate.

Undergrowth, greasewood, sage brush and cactus.

20.00

S. 89°54'E. on random line, bet. secs. 11 and 14.
Set temp. witness cor. to 1/4 sec. cor. at this point. Point for 1/4 sec. cor. is inaccessible, and this point is the nearest suitable point on the sec. line for the establishment of a witness cor. Discontinue measurement by chaining at this point, owing to a deep, rough canyon, and triangulate as follows:

Set a flag on random sec. line S. 89°54'E. of temp. witness cor.

From temp. witness cor. lay off a base S. 0°6'W. 12.90 chs.

From S. end of base, flag brs. N. 74°6'E.

Included angles are 90°00', 74°00', and 16°00', the sum of which is 180°00'.

Therefore dist. on random sec. line from temp. witness cor. to flag is obtained by

Tang. 74°00' x base or 3.48741 x 12.90 = 44.99 chs.

20.00 chs. + 44.99 chs. =

64.99

Flag point. Thence continue measurement by chaining.

80.06

Intersect N. and S. line 35 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence I run,

N. 89°39'W., on a true line, bet. secs. 11 and 14.

Descend over rolling land.

15.07

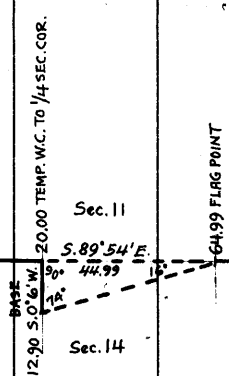
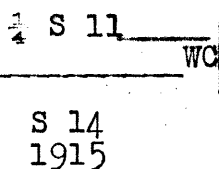
Flag point of triangulation hereinbefore described. Enter rough, deep canyon, course S. 85°W.; canyon extends west along the line for 45 chs., 86 ft. below sec. cor.

40.03

True point for 1/4 sec. cor. inaccessible.

60.06

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



Chains and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., on SW. edge of canyon.

66.00 Ravine, 400 lks. wide, 130 ft. deep, course N.

80.06 Cor. of secs. 10, 11, 14 and 15.

Land, rough and rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

Guy H. Richardson, U.S.S.
April 19, 1915.

April 20, 1915; Lines run by Hugo Price, U.S.T., as follows:

From the cor. of secs. 10, 11, 14 and 15, line run

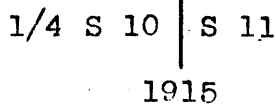
N. 0° 1' W. bet. secs. 10 and 11.

Desc. over rolling land.

4.52 Box canyon, course W., 140 ft. below sec. cor., asc.

14.94 Top of spur, slopes W., 225 ft. above canyon, desc.

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

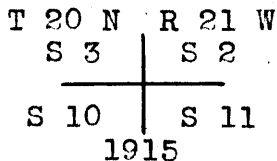


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

49.93 Wash, course W., 100 ft. below top of spur, asc.

63.33 Top of spur, slopes W., 79 ft. above wash, desc.

80.00 20 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

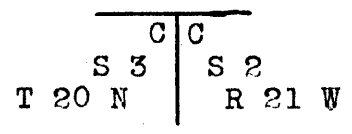
No grass.

Hugo Price, U.S. T.

Chains	Line run by Guy. H. Richardson, U.S.S., as follows: I commence at the cor. of secs. 2, 3, 10 and 11, and run S. 89° 39' E. on a random line bet. secs. 2 and 11.
40.00	Set temp. 1/4 sec. cor.
80.14	Intersect the cor. of secs. 1, 2, 11 and 12. Thence I run N. 89° 39' W. on a true line bet. secs. 2 and 11. Desc. over rolling land.
40.07	108 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked $\frac{1}{4} S 2$ $S 11$ 1915 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., asc. slightly.
80.14	Cor. of secs. 2, 3, 10 and 11, 27 ft. above 1/4 sec. cor. Land, slightly rolling and level. Soil, stony, 4th. rate. Undergrowth, greasewood, cactus and sagebrush. ----- Guy H. Richardson, U.S.S.
	Line run by Hugo Price, U.S.T., as follows: N. 0° 1' W. on a true line, bet. secs. 2 and 3. Desc. over rolling land.
16.22	Box canyon, course W., 126 ft. below sec. cor., asc.
29.66	Top of spur, slopes W., 100 ft. above canyon, desc.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked $\frac{1}{4} S 3 \quad \quad S 2$ 1915 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
45.00	Wash, course W., 70 ft. below top of spur, asc.
51.47	Top of spur, slopes W., 32 ft. above wash, desc.
54.95	Gulch, course W., 28 ft. below top of spur, asc.
63.68	87 ft. above gulch, intersect the 5th. Standard Parallel

Chains

N., 4.84 chs. W. of the Std. 1/4 cor. of sec. 35, T. 21 N., R. 21 W. reestablished under current Group 44. At 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. 2 and 3, with a brass cap, marked



1915

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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, cactus and sagebrush.

No grass.

Hugo Price, U.S. Transitman.

April 20, 1915.

April 16, 1915; Lines run by Guy H. Richardson, U.S.S. as follows: At the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, described in Book "A," at 9h. 0m., a. m., l.m.t., set off 9° 55' N. on the decl. arc, 35° 4' N. on the lat. arc, and determine a meridian with the solar,

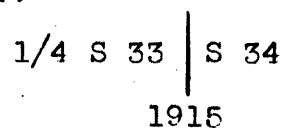
Thence I run

N. 0° 2' W. bet. secs. 33 and 34.

Desc. over rolling hills.

25.00 Telephone line, bears N. 80° E. and S. 80° W.

40.00 23 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



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

78.25 Road, bears E. and W.

80.00 38 ft. below 1/4 sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with a brass cap, marked

20

subdivision of T. 20 N., R. 21 W.

Chains

T 20 N	R 21 W
S 28	S 27
S 33	S 34
1915	

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

Land, rolling hills.

Soil, stony, 4th. rate.

Undergrowth, greaewood, sagebrush and cactus.

S. $89^{\circ} 43'$ E. on a random line bet. secs. 27 and 34.

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

79.90 Intersect N. and S. line 5 lks. S. of the cor. of secs.
26, 27, 34 and 35.

Thence I run

N. $89^{\circ} 45'$ W. on a true line bet. secs. 27 and 34.

Over level land.

39.95 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked
 $\frac{1}{4}$ S 27

S 34
1915

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

79.90 Cor. of secs. 27, 28, 33 and 34.

Land, level.

Soil, sandy and gravelly, 3rd. rate.

Undergrowth, greasewood and cactus.

April 16, 1915.

April 17, 1915.

From the cor. of secs. 27, 28, 33 and 34, I
run

N. $0^{\circ} 2'$ W. bet. secs. 27 and 28.

Asc. slightly, over rolling low hills.

15.50 Wash, course W.

40.00 40 ft. above sec. cor., set an iron post, 3 ft. long,
1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor.,

Chains	with a brass cap, marked $\frac{1}{4} \text{ S } 28 \quad \quad \text{S } 27$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., desc.
65.00	Silver Creek wash, 62 ft. below $\frac{1}{4}$ sec. cor., course NW.
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, with a brass cap, marked $\begin{array}{c} \text{T } 20 \text{ N} \quad \text{R } 21 \text{ W} \\ \text{S } 21 \quad \quad \text{S } 22 \\ \hline \text{S } 28 \quad \quad \text{S } 27 \\ 1915 \end{array}$ and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, low rolling hills. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.

	At the cor. of secs. 21, 22, 27 and 28, at apparent noon, I set off $10^{\circ} 18\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is $35^{\circ} 6'$ N., Apr. 17, 1915.

	S. $89^{\circ} 45'$ E. on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line 10 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence I run N. $89^{\circ} 41'$ W. on a true line bet. secs. 22 and 27. Over level land.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked $\frac{1}{4} \text{ S } 22$ $\text{S } 27$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

Chains	N. of cor., asc.														
55.00	Top of 104 ft. ascent, thence over level land.														
79.94	Cor. of secs. 21, 22, 27 and 28. Land, level and slightly rolling. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.														
<hr/>															
	N. 0° 2' W. bet. secs. 21 and 22. Asc. over rolling land.														
18.65	Top of 65 ft. ascent, desc.														
24.90	Wash, course W., foot of 88 ft. descent, asc.														
29.75	Top of 65 ft. ascent, desc.														
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked <div style="text-align: center;"> <table border="0"> <tr><td>1/4 S 21</td><td> </td><td>S 22</td></tr> <tr><td colspan="3">1915</td></tr> </table> </div> and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.	1/4 S 21		S 22	1915										
1/4 S 21		S 22													
1915															
45.00	Foot of 65 ft. descent, thence over slightly rolling land.														
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with a brass cap, marked <div style="text-align: center;"> <table border="0"> <tr><td>T 20 N</td><td>R 21 W</td></tr> <tr><td>S 16</td><td> </td><td>S 15</td></tr> <tr><td colspan="3">-----</td></tr> <tr><td>S 21</td><td> </td><td>S 22</td></tr> <tr><td colspan="3">1915</td></tr> </table> </div> and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.	T 20 N	R 21 W	S 16		S 15	-----			S 21		S 22	1915		
T 20 N	R 21 W														
S 16		S 15													

S 21		S 22													
1915															
<hr/>															
	S. 89° 41' E. on a random line bet. secs. 15 and 22.														
40.00	Set temp. 1/4 sec. cor.														
79.96	Intersect N. and S. line 7 lks. S. of the cor. of secs. 14, 15, 22 and 23.														

Chains Thence I run
 N. 89° 44' W. on a true line bet. secs. 15 and 22.
 Desc. slightly, over rolling land.

22.40 Wash, course N. 75° W.

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked
 1/4 S 15

 S 22
 1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor., 42 ft. below sec. cor., continue to
 desc.

79.96 Cor. of secs. 15, 16, 21 and 22, 110 ft. below 1/4 sec.
 cor.
 Land, slightly rolling.
 Soil, sandy and gravelly, 3rd. rate.
 Undergrowth, greasewood and cactus.
 Guy H. Richardson, U.S.S.
 April 17, 1915.

 April 20, 1915; lines run by Hugo Price, U.S.T., as follows:

At the cor. of secs. 15, 16, 21 and 22, and
 at 8h. 0m., a. m., l.m.t. set off 11° 18 1/2' N. on the
 decl. arc, 35° 7' N. on the lat. arc, and determine
 a meridian with the solar,

Thence I run
 N. 0° 2' W. bet. secs. 15 and 16.
 Asc. over rolling land.

14.90 Top of spur, slopes W., 63 ft. above sec. cor. desc.
 29.88 Gulch, course W., 34 ft. below top of spur, asc.
 36.50 Top of spur, slopes W., 55 ft. above gulch, desc.
 40.00 50 ft. below top of spur, set an iron post, 3 ft. long, 1
 in. in diam., 26 ins. in the ground for 1/4 sec. cor.,
 with a brass cap, marked
 1/4 S 16 | S 15

 1915

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

Chains	W. of cor., asc.								
58.90	Top of spur, slopes W., 16 ft. above 1/4 sec. cor., desc.								
79.62	Box canyon, course W., 177 ft. below top of spur.								
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked								
	<table style="margin: auto;"> <tr> <td>T 20 N</td> <td>R 21 W</td> </tr> <tr> <td>S 9</td> <td>S 10</td> </tr> <tr> <td>S 16</td> <td>S 15</td> </tr> <tr> <td colspan="2" style="text-align: center;">1915</td> </tr> </table>	T 20 N	R 21 W	S 9	S 10	S 16	S 15	1915	
T 20 N	R 21 W								
S 9	S 10								
S 16	S 15								
1915									
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.								
	Land, rolling.								
	Soil, stony, 4th. rate.								
	Undergrowth, greasewood and cactus.								
	No grass. Hugo Price U.S.T.								
Lines run by Guy H. Richardson U.S.S. as follows:									
	S. 89° 44' E. on a random line bet. secs. 10 and 15.								
40.00	Set temp. 1/4 sec. cor.								
-80.04	Intersect N. and S. line 4 lks. N. of the cor. of secs. 10, 11, 14 and 15.								
	Thence I run								
	N. 89° 42' W. on a true line bet. secs. 10 and 15.								
	Desc. over rolling land.								
8.20	Perpendicular cliffs, bear N. and S., 70 ft. high, continue to desc.								
40.02	136 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked								
	<table style="margin: auto;"> <tr> <td>1/4 S 10</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S 15</td> </tr> <tr> <td>1915</td> </tr> </table>	1/4 S 10			S 15	1915			
1/4 S 10									
S 15									
1915									
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., continue to desc.								
50.00	Wash, course S. 80° W., 62 ft. below 1/4 Sec. cor.								
62.00	Top of perpendicular cliffs, 150 ft. high, bear N. and S., desc. abruptly.								

Chains

79.90 Wash, course N. 65° W., 68 ft. below top of cliffs.

80.04 Cor. of secs. 9, 10, 15 and 16.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

Guy H. Richardson U.S.S.

Lines run by Hugo Price U.S.T. as follows:
At the cor. of secs. 9, 10, 15 and 16 at apparent noon,

I set off 11° 21½' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 7½' N., April 20, 1915.

Thence I run,

N. 0° 2' W. bet. secs. 9 and 10.

Asc. over rolling land.

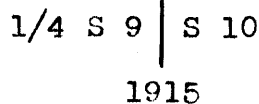
19.80 Top of spur, slopes W., 170 ft. above sec. cor., desc.

28.17 Gulch, course SW., 93 ft. below top of spur, asc.

32.60 Top of spur, slopes W., 90 ft. above gulch, desc.

39.43 Gulch, course W., 92 ft. below top of spur, asc.

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



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

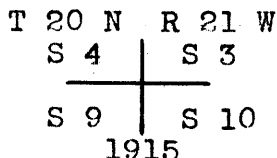
48.39 Top of spur, slopes W., 125 ft. above gulch, desc.

49.70 Foot of 14 ft. descent, asc.

59.70 Top of 63 ft. ascent, spur, slopes W., desc.

64.45 Wash, course W., 100 ft. below top of spur.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with a brass cap, marked



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

Chains	Land, rolling. Soil, stony, 4th. rate. Undergrowth, greasewood, sagebrush and cactus. No grass.

	S. 89° 42' E. on a random line bet. secs. 3 and 10.
40.00	Set temp. 1/4 sec. cor.
79.98	Intersect the cor. of secs. 2, 3, 10 and 11. Thence I run N. 89° 42' W. on a true line bet. secs. 3 and 10. Desc. over rolling land.
10.00	Foot of 40 ft. descent, asc.
28.30	Top of 40 ft. ascent, spur, slopes W., desc.
39.99	105 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor. with a brass cap, marked 1/4 S. 3 S 10 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., asc.
50.20	Top of spur, 30 ft. above 1/4 sec. cor., desc.
59.68	Gulch, course SW., 72 ft. below top of spur, asc.
67.23	Top of spur, slopes SW., 54 ft. above gulch, desc.
79.98	Cor. of secs. 3, 4, 9 and 10, 120 ft. below top of spur. Land, rolling. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus. No grass.
	April 20, 1915.

	April 21, 1915; From the cor. of secs. 3, 4, 9 and 10, I run N. 0° 2' W. on a true line, bet. secs. 3 and 4. Asc. over rolling land.

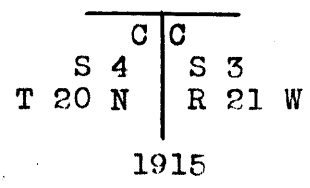
Chains

40.00 135 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 4 \quad | \quad \text{S } 3 \\ \hline 1915 \end{array}$$

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

63.10 108 ft. below 1/4 sec. cor., intersect the 5th. Standard Parallel N. 4.76 chs. W. of the Std. sec. cor. for sec. 34, T. 21 N., R. 21 W., reestablished under current Group No. 44. At 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. 3 and 4, with a brass cap, marked



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

Land, rolling.

Soil, mstony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

Hugo Price, U.S. T.
April 21, 1915.

April 17, 1915; Lines run by Guy H. Richardson, U.S.S., as follows: At the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the twp. described in Book "A", at 8h. 30m., a. m., l.m.t., set off 10° 16' N. on the decl. arc, and 35° 4' N. on the lat. arc, and determine a meridian with the solar.

Thence I run

N. 0° 2' W. bet. secs. 32 and 33.

Asc. over rolling, land.

6.20 Top of 60 ft. ascent, thence over level land.

12.30 Telephone line, bears E. and W.

19.00 Leave level land, desc.

25.00 Wash, course S. 78° W., 120 descent, asc.

Chains

40.00 24 ft. above wash, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 32 \quad | \quad \text{S } 33 \\ \hline 1915 \end{array}$$

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

65.00 Wash, course W., 55 ft. below 1/4 sec. cor., asc.

76.70 Road, bears NE. and SW.

80.00 63 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with a brass cap, marked

$$\begin{array}{c} \text{T } 20 \text{ N } \quad | \quad \text{R } 21 \text{ W} \\ \text{S } 29 \quad | \quad \text{S } 28 \\ \hline \text{S } 32 \quad | \quad \text{S } 33 \\ \hline 1915 \end{array}$$

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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

S. $89^{\circ} 43'$ E. on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 7 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

N. $89^{\circ} 46'$ W. on a true line bet. secs. 28 and 33.

Over level land.

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

$$1/4 \text{ S } 28$$

$$\begin{array}{c} \text{S } 33 \\ \hline 1915 \end{array}$$

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

Chains

44.96 Road, bears S. 85° W. and S. 85° E., in bend.

79.96 Cor. of secs. 28, 29, 32 and 33.

Land, level.

Soil, sandy and gravelly, 3rd. rate.

Undergrowth, greasewood, sagebrush and cactus.

Guy H. Richardson, U.S.S.

Lines run by Hugo Price, U.S.T., as follows:

N. 0° 2' W. bet. secs. 28 and 29.

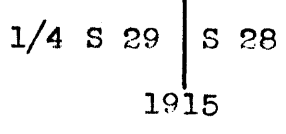
Desc. over rolling land.

9.96 Gulch, course W., 40 ft. below esc. cor., asc.

12.92 Top of spur, slopes W., 30 ft. above gulch, desc.

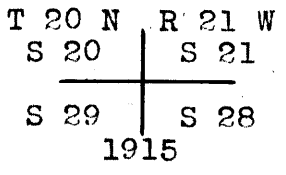
39.89 Gulch, course W., 34 ft. below top of spur.

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



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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with a brass cap, marked



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

Land, rolling.

Soil, stomy, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

S. 89° 46' E. on arandom line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 12 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence I run

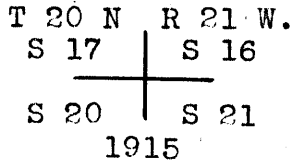
Chains	N. 89° 51' W. on a true line bet. secs. 21 and 28. Over slightly rolling land.
30.00	Silver Creek wash, course NW.
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked $\frac{1}{4} \text{ S } 21$
	$\frac{\text{S } 28}{1915}$
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., desc.
70.00	Gulch, course NW., 60 ft. below 1/4 sec. cor., asc.
79.96	Cor. of secs. 20, 21, 28 and 29, 40 ft. above gulch. Land, rolling. Soil, stony, 4th. rate. Undergrowth, greasewood, sagebrush and cactus.
	April 17, 1915.

	April 19, 1915; From the cor. of secs. 20, 21, 28 and 29, I run N. 0° 2' W. bet. secs. 20 and 21. Desc. over rolling land.
6.48	Gulch, course NW., 70 ft. below sec. cor., asc.
11.90	Top of spur, slopes W., 25 ft. above gulch, desc.
14.74	Silver Creek wash, course NW., 61 ft. below top of spur, thence along bottom of wash.
29.76	Leave wash, asc.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked $\frac{1}{4} \text{ S } 20 \quad \quad \text{S } 21$ 1915
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
44.95	Top of spur, slopes W., 68 ft. above wash, desc.
54.76	Wash, course W., 90 ft. below top of spur, asc.
73.82	Top of spur, slopes W., 77 ft. above wash, desc.

Chains

77.12 Gulch, course W., 45 ft. below top of spur.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

Hugo Price, U.S.T.

April 19, 1915.

April 19, 1915; lines run by Guy H. Richardson, U.S.S.; as follows: From the cor. of secs. 16, 17, 20 and 21, I run

S. 89° 51' E. on a random line bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N. and S. line 23 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence I run

N. 89° 41' W. on a true line bet. secs. 16 and 21.

Over rolling land.

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

1/4 S 16

S 21
1915

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

79.98 Cor. of secs. 16, 17, 20 and 21.

Land, slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

Chains N. 0° 2' W. bet. secs. 16 and 17.
 Desc. over rolling land.

20.00 Foot of 80 ft. descent, asc.

27.30 Top of 90 ft. ascent, desc.

34.70 Foot of 63 ft. descent, asc.

40.00 Top of 56 ft. ascent, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 17		S 16
1915		

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

52.50 Wash, course N. 80° W., 68 ft. below 1/4 sec. cor., asc.

59.00 Top of 46 ft. ascent, desc.

70.00 Foot of 88 ft. descent, asc.

80.00 74 ft. above foot of descent, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with a brass cap, marked

T 20 N		R 21 W
S 8		S 9

S 17		S 16
1915		

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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood

S. 89° 41' E. on a random line bet. secs. 9 and 16.

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° 39' W. on a true line bet. secs. 9 and 16.

Over rolling land.

10.00 Foot of cliffs, bear N. and S., asc.

Chains

- 16.00 Top of cliffs, 130 ft. above foot.
- 25.00 Desc.
- 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

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

$$\begin{matrix} S 16 \\ 1915 \end{matrix}$$
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 45.00 Foot of 100 ft. descent.
- 70.00 Ascend.
- 79.90 Cor. of secs. 8, 9, 16 and 17, 80 ft. ascent.

Land, rolling.
 Soil, stony, 4th. rate.
 Undergrowth, greasewood, sagebrush and cactus.
 Guy H. Richardson, U.S.S.
 April 19, 1915.

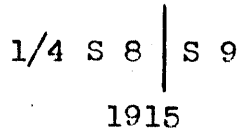
 April 21, 1915; Lines run by Hugo Price, U.S.T., as follows:

From the cor. of secs. 8, 9, 16 and 17, a line run N. 0° 2' W. bet. secs. 8 and 9.

Desc. over rolling land.

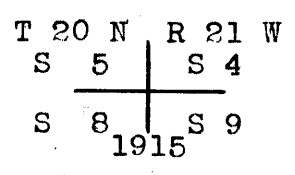
- 19.60 Box canyon and wash, course W., 195 ft. below sec. cor., asc.

- 40.00 75 ft. above canyon, set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., thence over slightly rolling land.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with a brass cap, marked



Chains Land, rolling.
 Soil, stony, 4th. rate.
 Undergrowth, greasewood and sagebrush.
 No grass.

S. 89° 39' E. on a random line bet. secs. 4 and 9.
 40.00 Set temp. 1/4 sec. cor.
 80.00 Intersect the cor. of secs. 3, 4, 9 and 10.
 Thence I run
 N. 89° 39' W. on a true line bet. secs. 4 and 9.
 Desc. slightly over rolling land.
 40.00 30 ft. below sec. cor., set an iron post, 3 ft. long, 1
 in. in diam., 26 ins. in the ground for 1/4 sec. cor.,
 with a brass cap, marked

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

$$S 9$$

 1915
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor., desc.
 65.00 Foot of 80 ft. descent, asc.
 80.00 94 ft. ascent, cor. of secs. 4, 5, 8 and 9.
 Land, rolling.
 Soil, stony, 4th. rate.
 Undergrowth, greasewood, sagebrush and cactus.
 No grass.

April 21, 1915.

April 22, 1915. From the cor. of secs. 4, 5, 8
 and 9, I run
 N. 0° 2' W. on a true line, bet. secs. 4 and 5.
 Desc. slightly, over rolling land.
 40.00 157 ft. below sec. cor., set an iron post, 3 ft. long, 1
 in. in diam., 26 ins. in the ground for 1/4 sec. cor.
 with a brass cap, marked

$$\frac{1}{4} S 5 \mid S 4$$

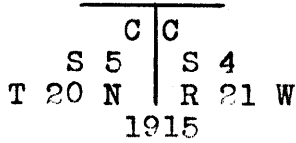
 1915

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

47.00 Top of 70 ft. ascent, desc.

50.00 Foot of 62 ft. descent, asc. slightly.

62.30 Intersect the 5th. Standard Parallel N., 4.83 chs. W. of Std. ¼ sec. cor. for sec. 33, T. 21 N., R. 21 W., re-established under current Group No.44. At 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. 4 and 5, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

At the closing cor. of secs. 4 and 5, at apparent noon, I set off 12° 2' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 9½' N., April 22, 1915.

----- April 22, 1915.

April 17, 1915; At the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the twp., described in Book "A", at 9h. Om., a. m., l.m.t., set off 10° 16' N. on the decl. arc, and 35° 4' N. on the lat. arc, and determine a meridian with the solar,

Thence I run

N. 0° 3' W. bet. secs. 31 and 32.

Desc. over rolling land.

29.60 Gulch, course W., 130 ft. below sec. cor., asc.

38.45 Top of spur, slopes W., 100 ft. above gulch, desc.

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

Chains

1/4 S 31 | S 32

1915

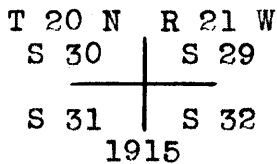
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor.

44.92 Gulch, course W., 65 ft. below top of spur, asc.

50.00 Top of 34 ft. ascent, thence over level land.

50.90 Road, bears E. and W.

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



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 43' E. on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect N. and S. line 2 lks. S. of the cor. of secs.
28, 29, 32 and 33.

Thence I run

N. 89° 44' W. on a true line bet. secs. 29 and 32.

Over level land.

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

1/4 S 29

S 32
1915

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

80.16 Cor. of secs. 29, 30, 31 and 32.

Land, level.

Chains Soil, stony, 4th. rate.
 Undergrowth, greasewood, sagebrush and cactus.
 No grass.

40.00 N. 89° 43' W. on a random line bet. secs. 30 and 31.
 Set temp. 1/4 sec. cor.

79.90 Intersect the W. bdy. of the twp. 30 lks. N. of reestab-
 lished cor. of secs. 25, 30, 31, & 36, described in Book "B."
 Thence I run
 S. 89° 56' E. on a true line bet. secs. 30 and 31.
 Over level land.

39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked
1/4 S 30
 S 31
 1915
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.

79.90 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, stony, 4th. rate.
 Undergrowth, greasewood, sagebrush and cactus.
 No grass.
 At the cor. of secs. 29, 30, 31 and 32, at apparent noon,
 I set off 10° 18 1/2' N. on the decl. arc, and observe the
 sun on the meridian for lat. The resulting latitude is
 35° 5' N., Apr. 17, 1915.

April 19, 1915. At the cor. of secs. 29, 30,
 31 and 32, at 8h. 0m., a. m., l.m.t., set off 10°
 58' N. on the decl. arc, 35° 5' N. on the lat. arc,
 and determine a meridian with the solar,
 Thence I run
 N. 0° 3' W. bet. secs. 29 and 30.
 Desc. over rolling land.

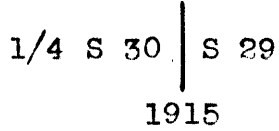
3.47 Gulch, course W., 36 ft. below sec. cor., asc.

8.25 Top of spur, slopes W., 34 ft. above gulch, desc.

Chains

29.90 Gulch, course W., 36 ft. below top of spur, asc.

40.00 50 ft. above gulch, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



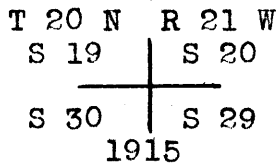
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., desc.

44.96 Gulch, course W., 40 ft. below 1/4 sec. cor., asc.

45.92 Top of spur, slopes W., 18 ft. above gulch, desc.

75.00 Wash, course W., 27 ft. below top of spur.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

At the cor. of secs. 19, 20, 29 and 30, at apparent noon, I set off 11° 0 1/2' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 6' N., April 19, 1915.

S. 89° 44' E. on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect N. and S. line 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.

Thence I run

N. 89° 45' W. on a true line bet. secs. 20 and 29.

Over level land.

Subdivision of T. 20 N., R. 21 W.

Chains

- 36.40 Leave level land, desc. W. slope, bears N. and S.
- 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 20
 S 29
 1915

 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 45.20 Foot of 105 ft. descent, wash, course N. 80° W.
- 80.20 Cor. of secs. 19, 20, 29 and 30.
 Land, level and rolling.
 Soil, sandy and gravelly, 3rd. rate.
 Undergrowth, greasewood, sagebrush and cactus.
 No grass.

- 40.00 N. 89° 56' W. on a random line bet. secs. 19 and 30.
 Set temp. 1/4 sec. cor.
- 79.92 Intersect the W. bdy. of the twp. 28 lks. S. of reestablished cor. of secs. 19, 24, 25 and 30, described in Book "B".
 Thence I run
 S. 89° 44' E. on a true line bet. secs. 19 and 30.
 Over level land.
- 10.00 Gulch, course SW., asc.
- 17.00 Top of 66 ft. ascent, enter level land, bears N. and S.
- 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 19
 S 30
 1915

 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 79.92 Cor. of secs. 19, 20, 29 and 30.
 Land, level and rolling.
 Soil, stony, 4th. rate.

Chains

Undergrowth, greasewood, sagebrush and cactus.
No grass.

N. 0° 3' W. bet. secs. 19 and 20.

Asc. over rolling land.

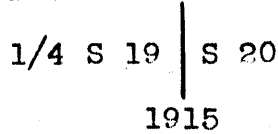
9.95 Top of spur, slopes W., 45 ft. above sec. cor., desc.

13.90 Gulch, course W., 37 ft. below top of spur, asc.

16.35 Top of spur, slopes W., 50 ft. above gulch, desc.

29.90 Gulch, course W., 70 ft. below top of spur., asc.

40.00 70 ft. above gulch, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with a brass cap, marked



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

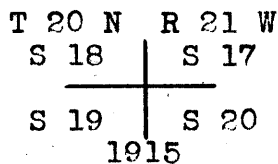
45.14 Road, bears E. and W.

49.76 Silver Creek wash, course NW., 100 ft. below 1/4 sec. cor., asc.

69.52 Top of spur, slopes W., 135 ft. above wash, desc.

79.43 Wash, course W., 85 ft. below top of spur.

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



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 45' E. on a random line bet. secs. 17 and 20,

40.00 Set temp. 1/4 sec. cor.

Chains

80.24 Intersect N. and S. line 2 lks. S. of the cor. of secs.
16, 17, 20 and 21.

Thence I run

N. 89° 46' W. on a true line bet. secs. 17 and 20.

Desc. over rolling land.

40.12 62 ft. below sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 26 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

1/4 S 17

S 20
1915

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

55.36 Wash, course NW., 73 ft. below 1/4 sec. cor., asc.

63.75 Top of spur, slopes NW., 23 ft. above wash, desc.

65.25 Foot of spur, 38 ft. below top, thence over level land.

80.24 Cor. of secs. 17, 18, 19 and 20.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

N. 89° 44' W. on a random line bet. secs. 18 and 19.

40.00 Set temp. 1/4 sec. cor.

80.05 Intersect the W. bdy. of the twp. 28 lks. N. of reestab-
lished cor. of secs. 13, 18, 19 and 24, described in Book "B."

Thence I run

S. 89° 56' E. on a true line bet. secs. 18 and 19.

Asc. over rolling land.

20.15 Top of spur, slopes NW., 52 ft. above sec. cor., desc.

35.10 Silver Creek wash, course NW., 34 ft. below top of spur,
asc.

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

Chains

1/4 S 18

S 19
1915

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

40.15 Gulch, course NW.

70.70 Top of spur, slopes NW., 133 ft. above Silver Creek wash,
desc.

80.05 Cor. of secs. 17, 18, 19 and 20.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

April 19, 1915.

April 21, 1915; At the cor. of secs. 17, 18,
19 and 20, at 8h. 0m., a. m., l.m.t., set off 11°
39' N. on the decl. arc, 35° 7' N. on the lat. arc,
and determine a meridian with the solar,

Thence I run

N. 0° 3' W. bet. secs. 17 and 18.

Asc. over rolling land.

20.00 Top of 110 ft. ascent, desc.

40.00 125 ft. below top of ascent, set an iron post, 3 ft. long,
1 in. in diam., 26 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

1/4 S 18 | S 17
1915

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

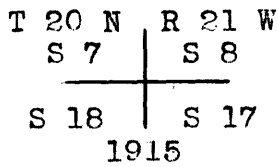
50.00 Asc.

55.00 Top of 74 ft. ascent, desc.

64.72 Wash, course W., 77 ft. below top of ascent.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 7, 8, 17 and 18, with a
brass cap, marked

Chains



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 46' E. on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect N. and S. line 2 lks. S. of the cor. of secs.
8, 9, 16 and 17.

Thence I run

N. 89° 47' W. on a true line bet. secs. 8 and 17.

Desc. over rolling land.

40.08 258 ft. below sec. cor., set an iron post, 3 ft. long,
1 in. in diam., 26 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

1/4 S 8

S 17
1915

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

80.16 Cor. of secs. 7, 8, 17 and 18.

Land, rolling and nearly level.

Soil, stony, 4th. rate.

Undergrowth, greasewood and sagebrush.

No grass.

N. 89° 56' W. on a random line bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

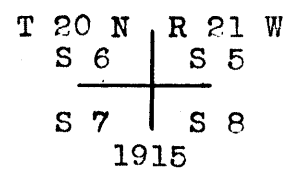
80.27 Intersect the W. bdy. of the twp. 28 lks. S. of reestab-
lished cor. of secs. 7, 12, 13 and 18, described in Book "B."

Thence I run

- Chains S. 89° 44' E. on a true line bet. secs. 7 and 18.
Asc. over rolling land.
- 40.27 111 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- 1/4 S 7
-
- S 18
1915
- and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Continue to asc.
- 80.27 Cor. of secs. 7, 8, 17 and 18, 110 ft. above 1/4 sec. cor. Land, rolling.
Soil, stony, 4th. rate.
Undergrowth, greasewood and sagebrush.
At the cor. of secs. 7, 8, 17 and 18, at apparent noon, I set off 11° 42' N. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 35° 7½' N., April 21, 1915.
-
- April 22, 1915: At the cor. of secs. 7, 8, 17 and 18, at 9h. 0m., a. m., l.m.t., set off 12° 0' N. on the decl. arc, and 35° 7½' N. on the lat. arc, and determine a meridian with the solar,
Thence I run
N. 0° 3' W. bet. secs. 7 and 8.
Desc. over rolling land.
- 4.70 Box canyon and wash, course W., 113 ft. below sec. cor., asc.
- 40.00 57 ft. above canyon, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- 1/4 S 7 | S 8
1915
- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Asc. slightly over rolling land.

Chains

80.00 24 ft. above 1/4 sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 47' E. on a random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

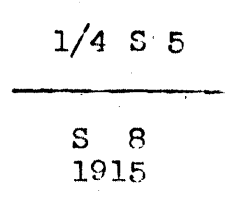
80.06 Intersect N. and S. line 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

N. 89° 49' W. on a true line bet. secs. 5 and 8.

Desc. over rolling land.

40.03 153 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Continue to desc. over slightly rolling land.

80.06 Cor. of secs. 5, 6, 7 and 8.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and sagebrush.

No grass.

N. 89° 44' W. on a random line bet. secs. 6 and 7.

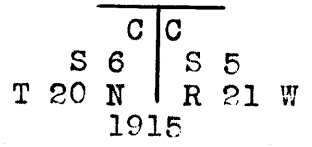
Chains

- 40.00 Set temp. 1/4 sec. cor.
- 80.29 Intersect the W. bdy. of the twp. 12 lks. S. of reestablished cor. of secs. 1, 6, 7, & 12, described in Book "B."
Thence I run
S. 89° 39' E. on a true line bet. secs. 6 and 7.
Asc. over rolling land.
- 40.29 185 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- 1/4 S 6
-
- S 7
1915
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., continue to asc.
- 80.29 Cor. of secs. 5, 6, 7 and 8, 92 ft. above 1/4 sec. cor. Land, rolling.
Soil, stony, 4th. rate.
Undergrowth, greasewood and sagebrush.
No grass.
-
- N. 0° 3' W., on a true line, bet. secs. 5 and 6.
Asc. over rolling land.
- 30.00 Top of 162 ft. ascent, desc.
- 40.00 34 ft. below top of ascent, set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- 1/4 S 6 | S 5
1915
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., thence over level land.
- 62.00 Intersect the 5th. Standard Parallel N. 5.04 chs. W. of the Std. 1/4 sec. cor. of sec. 32, T. 21 N., R. 21 W. reestablished under current Group No. 44. At 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, with a

Subdivision of T. 20 N., R. 21 W.

Chains

brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and sagebrush.

No grass.

Hugo Price, U.S.T. Apl. 22, 1915.

Boundaries of T. 20 N., R. 21 W.
Latitudes, departures and closing errors.

Line designated	True bearing	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
South boundary	N. 89° 43' W	479.82	2.38			479.82
West boundary	North	461.38	461.38			
North boundary (5th. Std. Par. N.)	East	480.83			480.83	
East boundary	South	464.33		464.33		
Convergency-----					0.51	
Totals-----			463.76	464.33	481.34	479.82
Error in lat.-----				463.76		
				0.57	479.82	
Error in dep.-----					1.52	

GENERAL DESCRIPTION

This township is rough and mountainous in the east tier of sections and the ballance is rolling & mountainous, cut by deep washes, and generally stony and unfit for agricultural purposes. There are mineral indications in the eastern portion of the township. There is no timber and the vegetation is greasewood, sagebrush and cacti. There are no settlers in the township.

April 22, 1915.

U. S. Surveyor.

162
48
BOOK 2886

CERTIFICATES
FOR ~~FINAL OATH~~ OF UNITED STATES SURVEYOR AND
TRANSITMAN

see book "C" of this group

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, Arizona, February 26, 1917

The foregoing field notes of the survey of the _____

Subdivision Lines of

Township 20 North, Range 21 West,

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

executed by _____ Guy H? Richardson, U. S. Surveyor, & Hugo Price, U. S. Transitman,
under special instructions dated _____ January 4, 1915, for Group 43, _____, 191 _____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

Frank O. Frost

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.~~