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2880

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Book "E"  
(Subdivisions)

BOOK 2880

# FIELD NOTES

OF THE SURVEY OF THE

2880

SUBDIVISION LINES OF

TOWNSHIP 17 NORTH, RANGE 20 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Guy H. Richardson,

and

Otis Ross,

2880

In the capacity of U. S. Surveyors, 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 February 27, 1915

Survey completed March 7, 1915

Executed under assignment  
Instructions dated Jan. 31-1915.

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1A

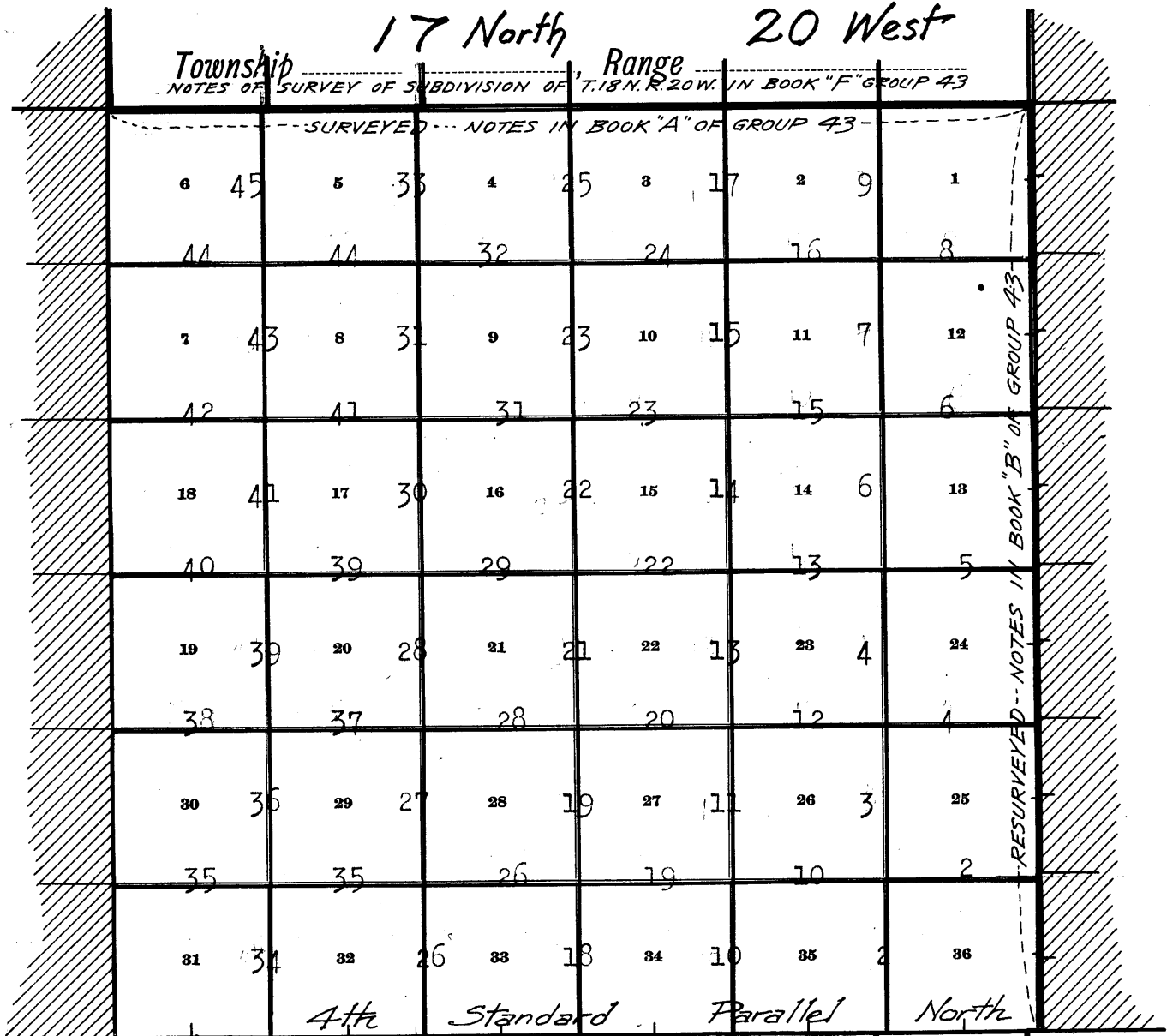
BOOK 2880

Book "E" - Group 43

# INDEX DIAGRAM.

17 North      20 West

Township      Range  
NOTES OF SURVEY OF SUBDIVISION OF T.18N. R.20W. IN BOOK "F" GROUP 43



sec. 1      sec. 3      sec. 2      sec. 1      sec. 6      sec. 5      sec. 4      sec. 3

FRAC. T. 16 N. R. 21 W.      FRAC. T. 16 1/2 N. R. 20 1/2 W.      FRAC. T. 16 1/2 N. R. 20 W.

- Surveys described in field notes of Group 43
- " " " " " " " " 42
- Accepted surveyed lines
- ////// Shaded area surveyed as per accepted plats on file

Chains

Survey commenced on Feb. 27, 1915, and executed jointly by Guy H. Richardson and Otis Ross, U. S. Surveyors, 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.

Guy H. Richardson, U.S. Surveyor.  
 Feb. 23, 1915; I examine the adjustments of the transits, and correct the level and collimation errors; then, to test the solar apparatus, by comparing their indications, resulting from solar observations made during A. M. and P. M. hours, with a meridian determined by observations on Polaris, I proceed as follows:

At a point near my camp which is about 20.00 chs E. of  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 8, at 3h. 0m., p. m., l. m. t., I set off  $9^{\circ} 56'$  S. on the decl. arc, and  $34^{\circ} 52\frac{1}{2}'$  on the lat. arc, and determine a meridian with the solar, and mark the line thus determined with a tack on a hub about 5.00 chs. N. of my station.

At 9h. 14m., p. m., l.m.t. I observe Polaris at western elongation and mark the line thus obtained with a tack on a hub about 5.00 chs. northerly from my station.

Feb. 24, 1915; At 7h. 0m., a. m., I lay off the azimuth of Polaris  $1^{\circ} 23\frac{1}{2}'$  to the east and note that the line obtained coincides with the line determined by solar observation yesterday afternoon. At 8h. 0m., a. m., l. m. t., I set off  $9^{\circ} 39\frac{1}{2}'$  S. on the decl. arc, and determine a solar meridian, which is identical with the Polaris meridian. Having tested the solar apparatus of both instruments for a. m. and p. m. hours and found them to check with the Polaris meridian, I conclude that the instruments are in good adjustment.

Guy H. Richardson, U.S. Surveyor.  
 Feb. 27, 1915; lines run by Otis Ross, as follows:

I commence at old Standard cor. of secs. 35 and 36, on the S. bdy. of the township, <sup>(4th. Std. Par. N.)</sup> which is a stone, 8 X 6 X 8 ins. above ground, marked and witnessed as described

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Subdivision of T. 17 N., R. 20 W.

Chains by the surveyor general.

Thence I run

N. 0° 7' W. bet. secs. 35 and 36.

Over level mesa land, covered with boulders.

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 35		S 36
1915		

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

60.00 Leave mesa, enter hills, bear E. and W., asc.

80.00 177 ft. above mesa, 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

T. 17 N.		R. 20 W.	
S 26		S 25	
S 35		S 36	
1915			

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

Land, level and rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

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East on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect the E. bdy. of the township 9 lks, S. of the cor. of secs. 25 and 36, reestablished as described in Book "B."

Thence I run

S. 89° 56' W. on a true line bet. secs. 25 and 36.

Desc. over rolling land.

12.60 Enter wash, course SW., 158 ft. below sec. cor.

20.60 Leave wash, asc.

28.00 Top of spur, slopes SW., 100 ft. above wash, desc.

35.10 Wash, course SW., 146 ft. below top of spur.,

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in

Chains

the ground for 1/4 sec. cor., with a brass cap, marked  
1/4 S 25

S 36  
1915

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

48.30 Top of spur, slopes S., 130 ft. above 1/4 sec. cor., desc.

60.25 Gulch, course SW., 85 ft. below top of spur, asc.

65.15 Top of spur, slopes SW., 34 ft. above gulch, desc.

73.10 Gulch, course SW., 28 ft. below top of spur, asc.

76.40 Top of spur, slopes S., 52 ft. above gulch.

80.10 Cor. of secs. 25, 26, 35 and 36.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood and sagebrush.

At the cor. of secs. 25, 26, 35 and 36, at apparent noon,

I set off 8° 30' S. on the decl. arc, and observe the  
sun on the meridian for lat. The resulting latitude is  
34° 49 1/2' N., Feb. 27, 1915.

At the cor. of secs. 25, 26, 35 and 36, at 2h. 0m., p.  
m., l.m.t., I set off 8° 28 1/2' S. on the decl. arc, and  
34° 49 1/2' on the lat. arc, and determine a meridian  
with the solar, Thence I run,

N. 0° 7' W. bet. secs. 25 and 26.

Desc. over rolling land.

8.00 Wash, course SW., 67 ft. below sec. cor., asc. slightly.

40.00 47 ft. above wash, 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

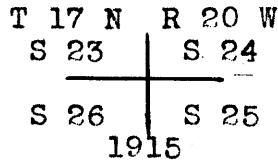
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground for cor. of secs. 23, 24, 25 and 26, with a

198

Chains

brass cap, marked



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

Land, slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

April 27, 1915.

March 3, 1915; I began from the cor. of secs. 23, 24, 25 and 26, and run

N. 89° 56' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect the cor. of secs. 24 and 25 on the E. bdy. of the township, reestablished as described in Book "B."

Thence I run

S. 89° 56' W. on a true line bet. secs. 24 and 25.

Over level land.

40.12 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 24

S 25  
1915

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

80.24 Cor. of secs. 23, 24, 25 and 26.

Land, level.

Soil, stony, 4th. rate.

Undergrowth, greasewood and sagebrush.

N. 0° 7' W. bet. secs. 23 and 24.

Over level land.

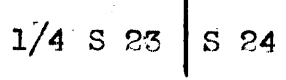
20.00 Desc. 90 ft. to wash.

Subdivision of T. 17 N. R. 20 W.

Chains

24.81 Enter wash, course SW. Wash is wide and shallow.

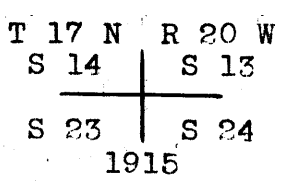
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



1915

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

80.00 Leave wash, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with a brass cap, marked



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

Land, level, and slightly rolling.

Soil, sandy, 3rd. rate.

Undergrowth, greasewood, sagebrush and cactus.

N. 89° 56' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect the E. bdy. of the twp. 9 lks. S. of the cor. of secs. 13 and 24, reestablished as described in Book "B"

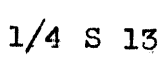
Thence I run

S. 89° 52' W. on a true line bet. secs. 13 and 24.

Over level and slightly rolling land.

35.15 Enter wide shallow wash, course SW.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



S 24  
1915

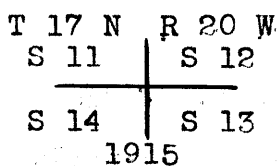
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

Chains Over bottom of shallow sandy wash.  
 80.16 Cor. of secs. 13, 14, 23 and 24.  
 Land, level and slightly rolling.  
 Soil, sandy, 3rd. rate.  
 Undergrowth, greasewood, <sup>and</sup> sagebrush

N. 0° 7' W. bet. secs. 13 and 14.  
 Over level mesa land, asc. slightly.  
 1.00 68 ft. above sec. cor.  
 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 14		S 13
1915		

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.  
 50.00 Leave mesa land, enter hills, bear NW. and SE., asc.  
 58.50 Top of spur, slopes W., 113 ft. above mesa.  
 61.00 Begin to desc.  
 80.00 123 ft. descent, set an iron post, 3 ft. long, 2 ins. in  
 diam., on surface rock, in a mound of stone, for cor.  
 of secs. 11, 12, 13 and 14, with a brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.  
 Land, level and rolling.  
 Soil, sandy and stony, 3rd and 4th rate.  
 Undergrowth, sage brush and greasewood. Mar. 3, 1915.

March 4, 1915; I commenced At the cor. of secs. 11, 12,  
 13 and 14, and at 9h., 0m., a. m., l.m.t. set off 6°  
 39' S. on the decl. arc, and 34° 52 1/2' on the lat. arc,  
 and determine a meridian with the solar, and run  
 Thence I run,  
 N. 89° 52' E. on a random line bet. secs. 12 and 13.  
 40.00 Set temp. 1/4 sec. cor.  
 80.24 Intersect the E. bdy. of the twp. 23 lks. N. of the cor.  
 of secs. 12 and 13, reestablished as described in Book "B"  
 Thence I run



Subdivision of T. 17 N., R. 20 W.

Chains N. 89° 58' W. on a true line bet. secs. 12 and 13.  
 Desc. over rolling land.

11.30 Wash, course SE., 95 ft. below sec. cor., asc.

30.00 Top of spur, slopes NW., 325 ft. above wash, desc.

40.12 140 ft. below top of spur, 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 12

---

S 13  
 . 1915

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

42.60 Top of spur, slopes N., 37 ft. above 1/4 sec. cor., desc.

50.75 Gulch, course NW., 248 ft. below top of spur, asc.

59.50 Top of spur, slopes N., 70 ft. above gulch, desc.

80.24 Cor. of secs. 11, 12, 13 and 14, 230 ft. below top of  
 spur.

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

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N. 0° 7' W. bet. secs. 11 and 12.  
 Desc. over broken rolling mountainous land.

9.92 Wash, course SW., 80 ft. below sec. cor., asc.

22.33 Top of spur, slopes SE., 87 ft. above wash, desc.

29.65 Gulch, course W., 72 ft. below top of spur, asc.

38.60 Top of spur, slopes W., 160 ft. above gulch, desc.

40.00 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 11 | S 12  
 1915

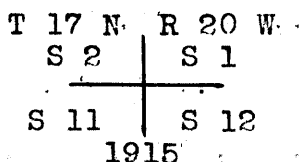
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.

41.30 Gulch, course W., 90 ft. below top of spur, asc.

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

Chains.

- 49.48 Gulch, course W., 68 ft. below top of spur, asc.
- 51.00 Top of spur, slopes W., 30 ft. above gulch, desc.
- 54.39 Wash, course W., 20 ft. below top of spur, asc.
- 58.17 Top of spur, slopes W., 97 ft. above wash, desc.
- 64.11 Gulch, course W., 53 ft. below top of spur, asc.
- 67.42 Top of spur, slopes W., 60 ft. above gulch, desc.
- 69.00 Gulch, course W., 17 ft. below top of spur, asc.
- 77.38 Top of spur, slopes W., 156 ft. above gulch, desc.
- 80.00 13 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with a brass cap, marked



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

At the cor. of secs. 1, 2, 11 and 12, at apparent noon, I set off 6° 36' S. on the decl. arc, and observed the sun on the meridian for lat. The resulting latitude is 34° 53' N., Mar. 4, 1915.

Land, rolling mountainous, and much broken.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

- S. 89° 58' E. on a random line bet. secs. 1 and 12.
- 40.00 Set temp. 1/4 sec. cor.
- 80.06 Intersect the E. bdy. of the twp. 12 lks. N. of the cor. of secs. 1 and 12, ~~reestablished~~ as described in Book "B."
- Thence I run
- N. 89° 53' W. on a true line bet. secs. 1 and 12.
- Desc. over rolling mountainous land.
- 15.57 Wash, course S., 230 ft. below sec. cor., thence over level land, bears N. and S.
- 30.50 Leave level land, enter hills, bear N. and S., asc.

## Chains

40.03 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 1

S 12  
1912

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

52.30 Top of ridge, bears N. and S., 585 ft. above level land, desc.

66.66 Bench, 5 chs. wide, bears N. and S., 200 ft. below top of ridge, desc.

80.06 Cor. of secs. 1, 2, 11 and 12, 267 ft. below bench.

Land, rolling mountainous.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

March 4, 1915.

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Otis Ross, U.S. Surveyor.

March 5, 1915; line run by Guy H. Richardson, U.S. Surveyor, as follows:

From the cor. of secs. 1, 2, 11 and 12, I run N. 0° 7' W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

81.66 Intersect the N. bdy. of the twp. 39 lks. W. of the cor. of secs. 1, 2, 35 and 36, described in Book "A."

Thence I run

S. 0° 10' W. on a true line bet. secs. 1 and 2.

Desc. over rough mountainous land.

8.83 Wash, course NW., 84 ft. below sec. cor., asc.

29.37 Top of spur, slopes NE., 360 ft. above wash, desc.

36.80 Draw, course NE., 44 ft. below top of spur, asc.

41.66 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 2 | S. 1

1915

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

Chains

46.90 Top of ridge, bears E. and W., 360 ft. above draw, desc.  
 81.66 Cor. of secs. 1, 2, 11 and 12, 636 ft. below top of ridge.  
 Land, rough mountainous.  
 Soil, stony, 4th. rate.  
 Undergrowth, cacti, sagebrush and greasewood.  
 March 5, 1915.  
 Guy H. Richardson, U. S. Surveyor.

Feb. 27, 1915; Lines run by Otis Ross, U.S. Surveyor, as follows:  
 I commence at old Std. cor. of secs. 34 & 35 on the  
 S. bdy. of the twp. (4th. Std. Par. N.) which is a lava stone  
 12x10x5 ins. above ground, mkd. & witnessed as described  
 by the Surveyor General, and run,  
 N. 0° 7' W., bet. secs. 34 and 35.  
 Over level 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  

$$\begin{array}{c} 1/4 \text{ S } 34 \quad | \quad \text{S } 35 \\ \hline 1915 \end{array}$$
  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.

80.00 N. edge of wash, 3 chs. wide, course SW. Set an iron post,  
 3 ft. long, 2 ins. in diam., 10 ins. in the ground to  
 solid rock, in a mound of stone, for cor. of secs. 26,  
 27, 34 and 35, with a brass cap, marked  

$$\begin{array}{c} \text{T } 17 \text{ N } \quad \text{R } 20 \text{ W} \\ \hline \text{S } 27 \quad | \quad \text{S } 26 \\ \hline \text{S } 34 \quad | \quad \text{S } 35 \\ \hline 1915 \end{array}$$
  
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.

Land, level.  
 Soil, sandy, 3rd. rate.  
 Undergrowth, greasewood, sagebrush and cactus.

East on a random line bet. secs. 26 and 35.  
 40.00 Set temp. 1/4 sec. cor. |  
 80.20 Intersect the cor. of secs. 25, 26, 35 and 36, 35, of sec.  
 Thence I run

Chains West on a true line bet. secs. 26 and 35.  
 Desc. over rolling land.  
 5.55 Wash, course SW., 95 ft. below sec. cor., asc.  
 12.08 Top of spur, slopes SW., 85 ft. above wash, desc.  
 20.20 Foot of spur, enter level land, bears N. and S., 97 ft.  
 below top of spur.  
 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 26

S 35  
 1915

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

77.00 Enter shallow wash, course SW.  
 80.20 Leave wash, cor. of secs. 26, 27, 34 and 35.  
 Land, rolling and level.  
 Soil, sandy and stony, 3rd. and 4th. rate.  
 Undergrowth, greasewood and cactus.  
 No grass.

Feb. 27, 1915.

March 3, 1915. From the cor. of secs. 26, 27,  
 34 and 35, I run  
 N. 0° 7' W. bet. secs. 26 and 27.

Over level land.

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 27 | S 26  
 1915

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

50.00 Wash, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface  
 rock, in a mound of stone, for cor. of secs. 22, 23,  
 26 and 27, with a brass cap, marked

Chains

T 17 N		R 20 W
S 22		S 23
S 27		S 26
1915		

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

Land, level.

Soil, sandy, 3rd. rate.

Undergrowth, Cat claw, cactus and greasewood.

No grass.

East on a random line bet. secs. 23 and 26.

40.00 Set temp.  $1/4$  sec. cor.

80.10 Intersect N. and S. line 7 lks. S. of the cor. of secs.  
23, 24, 25 and 26.

Thence I run

S.  $89^{\circ} 57'$  W. on a true line bet. secs. 23 and 26.

Desc. over rolling land.

5.30 Foot of hills, enter level land, bears N. and S., 80 ft.  
below sec. cor.

25.10 Center of wide shallow wash, course SW.

40.05 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,  $1\frac{1}{2}$  ft. high,  
N. of cor.

80.10 Cor. of secs. 22, 23, 26 and 27.

Land, rolling and level.

Soil, sandy and stony, 3rd. and 4th. rate.

Undergrowth, greasewood, cactus and sagebrush.

Mar. 3, 1915; at the cor. of secs. 22, 23, 26 and 27, at  
apparent noon, I set off  $6^{\circ} 59\frac{1}{2}'$  S. on the decl. arc,  
and observe the sun on the meridian for lat. The re-  
sulting latitude is  $34^{\circ} 50'$  N.

Otis Ross,  
U.S. Surveyor.

Subdivision of T. 17 N., R. 20 W.

Chains Mar. 3, 1915  
Lines run by Guy H. Richardson, U.S. Surveyor, as follows:

From the cor. of secs. 22, 23, 26 and 27,  
I run  
N. 0° 7' W. bet. secs. 22 and 23.  
Over level and slightly rolling land.

40.00 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 22		S 23
1915		

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

42.00 Deep wash, course SW., 23 ft. below 1/4 sec. cor., asc.

46.65 58 ft. above wash, thence over level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 9 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, with a brass cap, marked

T 17 N		R 20 W
S 15		S 14
-----		
S 22		S 23
1915		

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

Land, level and slightly rolling.  
Soil, sandy and stony, 3rd. and 4th. rate.  
Undergrowth, cactus, ocotillo, greewood and sagebrush.

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N. 89° 57' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run  
S. 89° 56' W. on a true line bet. secs. 14 and 23.  
Asc. over slightly rolling land.

6.00 Top of 64 ft. ascent, thence over level land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in

Chains the ground to solid rock, in a mound of stone, for  
 1/4 sec. cor., with a brass cap, marked

1/4 S 14

---

S 23  
1915

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

80.00 Cor. of secs. 14, 15, 22 and 23.  
 Land, level and slightly rolling.  
 Soil, mstony, 4th. rate.  
 Undergrowth, cactus, greasewood and ocotilla.  
 March 3, 1915.

March 5, 1915; at the cor. of secs. 14, 15, 22 and 23,  
 at 10h., 0m., a. m., l.m.t., I set off 6° 15' S. on  
 the decl. arc, and 34° 51' on the lat. arc, and de-  
 termine a meridian with the solar,

Thence I run  
 N. 0° 7' W. bet. secs. 14 and 15.  
 Over slightly rolling and level land.

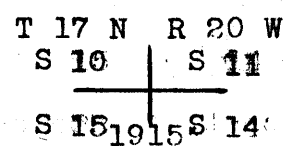
40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface  
 rock, in a mound of stone, for 1/4 sec. cor., with a  
 brass cap, marked

1/4 S 15 | S 14  
1915

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

68.60 Leave level land, desc.

80.00 75 ft. descent, set an iron post, 3 ft. long, 2 ins. in  
 diam., 9 ins. in the ground, to solid rock, in a  
 mound of stone, for cor. of secs. 10, 11, 14 and 15,  
 with a brass cap, marked

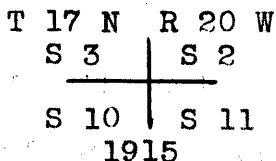


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.



Chains:	Land, slightly rolling and level. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.
<hr/>	
	N. 89° 56' E. on a random line bet. secs. 11 and 14.
40.00	Set temp. 1/4 sec. cor.
79.76	Intersect N. and S. line 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence I run
	S. 89° 57' W. on a true line bet. secs. 11 and 14.
	Desc. over slightly rolling land.
18.00	Wash, course SW., 20 ft. below sec. cor., asc.
15.00	Top of spur, slopes S., 27 ft. above wash, desc.
22.90	Wash, course NW., 52 ft. below top of spur, thence over level land.
39.88	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 11
	S 14 1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
79.76	Cor. of secs. 10, 11, 14 and 15. Land, level and rolling. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.
<hr/>	
	N. 0° 7' W. bet. secs. 10 and 11.
	Asc. over rolling land.
20.00	Top of, 90 ft. ascent, desc.
29.85	Foot of 20 ft. descent, wash, course SW.; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 9 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 10   S 11 1915

Chains and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 50.00 Top of spur, slopes SW., 140 ft. above wash, desc.  
 57.50 Wash, course SW., 40 ft. below top of spur, asc.  
 80.00 245 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 2, 3, 10 and 11, 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, cactus, ocotillo, greasewood and sagebrush.

N. 89° 57' E. on a random line bet. secs. 2 and 11.  
 40.00 Set temp. 1/4 sec. cor.  
 79.86 Intersect N. and S. line 7 lks. N. of the cor. of secs. 1, 2, 11 and 12.  
 Thence I run  
 West on a true line bet. secs. 2 and 11.  
 Desc. over rolling mountainous land.  
 15.00 Wash, course SW., 230 ft. below sec. cor., asc.  
 22.30 Top of 20 ft. ascent, desc.  
 39.93 70 ft. desc., set an iron post, 3 ft. long, 1 in. in diam., 9 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., marked

1/4 S. 2

S 11  
 1915

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., continue to desc.  
 55.00 Wash, course S., 115 ft. below 1/4 sec. cor.  
 67.25 Wash, course SW., asc.

Chains

79.86 Cor. of secs. 2, 3, 10 and 11, 158 ft. above wash.  
 Land, rolling mountainous.  
 Soil, stony, 4th. rate.  
 Undergrowth, cactus, ocotillo, greasewood and sagebrush.  
 No timber.

Guy H. Richardson, U.S. Surveyor.

Lines run by Otis Ross, U.S. Surveyor as follows:

N. 0° 7' W. on a random line bet. secs. 2 and 3.

40.00 Set temp. 1/4 sec. cor.

81.57 Intersect the N. bdy. of the twp. 25 lks. W. of the cor. of secs. 2, 3, 34 and 35, described in Book "A."

Thence I run

S. 0° 4' W. on a true line bet. secs. 2 and 3.

Asc. over rolling mountainous land.

9.15 Top of spur, slopes NW., 95 ft. above sec. cor., desc.

13.15 Gulch, course NW., 57 ft. below top of spur, asc.

35.90 Top of spur, slopes W., 460 ft. above gulch, desc.

41.57 150 ft. below top of spur, 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

$$\begin{array}{c} 1/4 \text{ S } 3 \text{ | S } 2 \\ 1915 \end{array}$$

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

51.87 105 ft, below 1/4 sec. cor., asc. slightly.

64.25 Top of spur, slopes SE., 20 ft. ascent, desc.

66.72 Gulch, course SE., 50 ft. below top of spur, asc.

74.28 Top of spur, slopes SE., 60 ft. above gulch, desc.

81.57 Cor. of secs. 2, 3, 10 and 11, 80 ft. below top of spur.  
 Land, rolling mountainous.  
 Soil, stony, 4th. rate.

No timber.

Undergrowth, greasewood and sagebrush.

March 5, 1915.

Guy H. Richardson, U.S. Surveyor.

Chains March 1, 1915; Lines run by Otis Ross, U.S. Surveyor, as follows:

I commence at old Std. cor. of secs., 33 and 34, on the S. bdy. of the twp., which is a lava stone, 10 X 12 X 16 ins., set in a mound of stone, and marked and witnessed as described by the surveyor general. At 2h. Om., p. m., l.m.t., I set off  $7^{\circ} 43'$  S. on the decl. arc, and  $34^{\circ} 48\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar,

Thence I run

N.  $0^{\circ} 8'$  W. bet. secs. 33 and 34.

Over level land, stony and covered with scattering undergrowth.

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 33		S 34
1915		

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, with a brass cap, marked

T 17 N		R 20 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, level.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

March 1, 1915.

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March 3, 1915: I commence At the cor. of secs. 27, 28, 33 and 34, and at 9h. Om., a. m., l.m.t., set off  $7^{\circ} 2'$  S. on the decl. arc, and  $34^{\circ} 49\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar,

Chains Thence I run  
 East on a random line bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N. and S. line 7 lks. S. of the cor. of secs.  
 26, 27, 34 and 35.

Thence I run  
 S. 89° 57' W. on a true line bet. secs. 27 and 34.  
 Over level land.

40.12 Set an iron post, 3 ft. long, 1 in. in diam., 6 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 27

---

S 34  
 1915

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

50.25 Wash, course SW., 35 ft. below 1/4 sec. cor., asc.

55.25 Enter level land, bears N. and S., 28 ft. above wash.

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

Land, level.  
 Soil, sandy and stony, 3rd. and 4th. rate.  
 Undergrowth, greasewood, sagebrush and cactus.  
 No grass.

March 3, 1915.

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 Otis Ross, U.S. Surveyor.

Mar. 3, 1915.  
 Lines run by Guy H. Richardson, U.S. Surveyor, as follows:

N. 0° 8' W. bet. secs. 27 and 28.

Over level land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 9 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 28 | S 27  
 1915

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

70.00 Leave level land, bears E. and W., asc. slightly.

Chains

80.00 50 ft. above level land, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 21, 22, 27 and 28, with a brass cap, marked

T 17 N	R 20 W
S 21	S 22
S 28	S 27
1915	

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

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No timber or grass.

Mar. 3, 1915; at the cor. of secs. 21, 22, 27 and 28, at apparent noon, I set off  $6^{\circ} 59\frac{1}{2}' S.$  on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is  $34^{\circ} 50\frac{1}{2}' N.$

N.  $89^{\circ} 57' E.$  on a random line bet. secs. 22 and 27.

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

80.32 Intersect N. and S. line 6 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence I run

S.  $89^{\circ} 54' W.$  on a true line bet. secs. 22 and 27.

Over level land.

40.16 Set an iron post, 3 ft. long, 1 in. in diam., 5 ins. in the ground to solid rock, in a mound of stone, for  $\frac{1}{4}$  sec. cor., with a brass cap, marked

$\frac{1}{4} S 22$

S 27  
1915

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

80.32 Cor. of secs. 21, 22, 27 and 28.

Chains

Land, level.  
 Soil, stony, 4th. rate.  
 Undergrowth, cactus, ocotillo, greasewood and sagebrush.  
 No timber or grass.

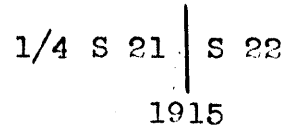
March 3, 1915.

March 4, 1915; From the cor. of secs. 21, 22,  
 27 and 28, I run  
 N. 0° 8' W. bet. secs. 21 and 22.

Desc. over rolling land.

35.00 Wash, course SW., 150 ft. below sec. cor.

40.00 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

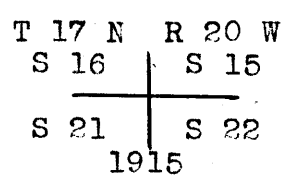


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.

55.00 Begin to asc.

69.75 Top of mesa, bears E. and W., 200 ft. ascent, thence  
 over level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins.  
 in the ground to solid rock, in a mound of stone, for  
 cor. of secs. 15, 16, 21 and 22, with a brass cap,  
 marked



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

Land, slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, cactus, ocotillo, greasewood and sagebrush.

No timber or grass.

March 4, 1915.

Chains March 5, 1915; At the cor. of secs. 15, 16, 21 and 22, at 8h. 30m., a. m., l.m.t. set off 6° 16' S. on the decl. arc, 34° 51' N. on the lat. arc, and determine a meridian with the solar, and run Thence I run, N. 89° 54' E. on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence I run S. 89° 55' W. on a true line bet. secs. 15 and 22. Desc. over rolling land.

13.10 Wash, course SW., 90 ft. below sec. cor., asc.

35.00 Top of mesa, bears N. and S., 85 ft. above wash. Thence over level land.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 6 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 15

---

S 22  
1915

and raise a mound of stone, 2 ft. base, 1 1/8 ft. high, N. of cor.

80.06 Cor. of secs. 15, 16, 21 and 22. Land, level and slightly rolling. Soil, stony, 4th. rate. Undergrowth, greasewood, cactus and sagebrush. No timber or grass. March 5, 1915.

----- Guy H. Richardson, U.S. Surveyor. -----

March 5, 1915.  
Lines run by Otis Ross, U.S. Surveyor, as follows:

N. 0° 8' W. bet. secs. 15 and 16. Over level mesa land, desc. slightly.

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 16 | S 15  
1915



Chains and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., 22 ft. below sec. cor.

79.84 Wash, course W., 16 ft. below  $\frac{1}{4}$  sec. cor.,

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked

T 17 N		R 20 W
S 9		S 10
S 16		S 15
1915		

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

Land, level.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

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N.  $89^{\circ} 55'$  E. on a random line bet. secs. 10 and 15.

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

80.18 Intersect N. and S. line 16 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence I run

N.  $89^{\circ} 58'$  W. on a true line bet. secs. 10 and 15.

Over level land.

5.18 Wash, course SW.

40.09 Set a malpiau stone, 18 X 12 X 8 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, & raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., desc.

80.18 Cor. of secs. 9, 10, 15 and 16, 48 ft. below  $\frac{1}{4}$  sec. cor.

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

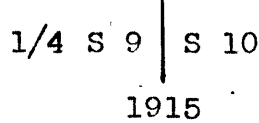
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N.  $0^{\circ} 8'$  W. bet. secs. 9 and 10.

Asc. slightly, over rolling and level land.

Chains

40.00 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



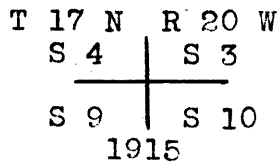
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., 28 ft. above sec. cor., continue to asc.

57.80 Top of spur, slopes W., 250 ft. above 1/4 sec. cor., desc.

69.56 35 ft. below top of spur, asc.

74.52 Top of 57 ft. ascent, spur, slopes W., desc.

80.00 63 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 3, 4, 9 and 10, 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° 58' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

80.44 Intersect N. and S. line 16 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence I run

N. 89° 51' W. on a true line bet. secs. 3 and 10.

Asc. over rolling land.

22.75 Top of ridge, bears NE. and SW., 217 ft. above sec. cor., desc.

40.22 300 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock,

Chains 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. slightly over level land.

80.44 Cor. of secs. 3, 4, 9 and 10, 80 ft. above 1/4 sec. cor. Land, rolling and level. Soil, stony, 4th. rate. Undergrowth, greasewood, rosin weed and cactus. No grass.

March 5, 1915.

Mar. 6, 1915; From the cor. of secs. 3, 4, 9 and 10, I run

N. 0° 8' W. on a random line bet. secs. 3 and 4.

40.00 Set temp. 1/4 sec. cor.

81.24 Intersect the N. bdy. of the twp., 46 lks. W. of the cor. of secs. 3, 4, 33 and 34, described in Book "A."

Thence I run

S. 0° 12' W. on a true line bet. secs. 3 and 4.

Asc. over rolling land.

5.65 Top of spur, slopes NW., 60 ft. above sec. cor., desc.

16.50 Wash, course W., 103 ft. below top of spur, asc.

41.24 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 4 | S 3  
1915

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

42.00 Top of spur, slopes W., 100 ft. above wash

66.63 Enter wash, course SW., 70 ft. below top of spur.

71.63 Leave wash, asc.

81.24 Cor. of secs. 3, 4, 9 and 10, 160 ft. above wash.

Chains

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

March 6, 1915.

Otis Ross,

U.S. Surveyor.

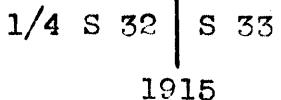
March 3, 1915; Lines run by Guy H. Richardson, U.S. Surveyor as follows:

I commence at old Standard cor. of secs. 32 and 33, on the S. bdy. of the <sup>(4th. Std. Par. N.)</sup> twp. which is a lava stone, 15 X 12 X 9 ins., set in a mound of stone, and marked and witnessed as described by the surveyor general. At 9h. -0m., a. m., l.m.t. I set off 7° 2' S. on the decl. arc, and 34° 48½' N. on the lat. arc, and determine a meridian with the solar,

Thence I run

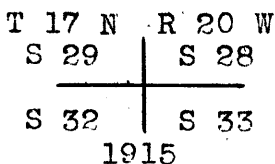
N. 0° 8' W. bet. secs. 32 and 33. Over level land.

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



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

80.00 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



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

Land, level.

Soil, stony, 4th. rate.

Undergrowth, scattering greasewood and cactus.

East on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

Subdivision of T. 17 N., R. 20 W.

Chains

80.02 Intersect N. and S. line 3 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run S. 89° 59' W. on a true line bet. secs. 28 and 33. Over level land.

40.01 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 28

S 33  
1915

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

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

Land, level.

Soil, stony, 4th. rate.

Undergrowth, greasewood and cactus.

N. 0° 8' W. bet. secs. 28 and 29.

Over level land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 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 29 | S 28  
1915

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

55.00 Asc.

62.00 Top of 53 ft. ascent, desc.

80.00 68 ft. descent, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, to solid rock, in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with a brass cap, marked

T 17 N R 20 W  
S 20 | S 21  
S 29 | S 28  
1915

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

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, sagebrush, cactus and ocotillo.

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N.  $89^{\circ} 59'$  E. on a random line bet. secs. 21 and 28.

40.00 Set temp.  $1/4$  sec. cor.

80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs.  
21, 22, 27 and 28.

Thence I run

S.  $89^{\circ} 58'$  W. on a true line bet. secs. 21 and 28.

Desc. over rolling land.

40.01 180 ft. below sec. cor., 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 21

---

S 28  
1915

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

80.02 Cor. of secs. 20, 21, 28 and 29, 142 ft. below  $1/4$  sec.  
cor.

Land, rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, cactus, ocotillo and sagebrush.

No tomber.

March 3, 1915.

Guy H. Richardson, U.S. Surveyor.

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March 5, 1915; Lines run by Otis Ross, U.S. Surveyor, as fol-  
lows:

From the cor. of secs. 20, 21, 28 and 29,

I run

N.  $0^{\circ} 8'$  W. bet. secs. 20 and 21.

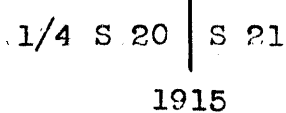
Desc. over rolling land.

1.50 Enter wash, course S.  $75^{\circ}$  W., 32 ft. below sec. cor.

9.78 Leave wash, asc.

Chains

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



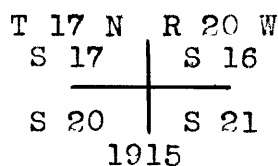
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., 154 ft. above wash

At the 1/4 sec. cor bet. secs. 20 and 21 at apparent noon, I set off 6° 13' S. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 34° 51' N. March 5, 1915.

45.00 Desc. N. slope.

49.85 Gulch, course SW., foot of 80 ft. descent, asc.

80.00 77 ft. above gulch, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, 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.

N. 89° 58' E. on a random line bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N. and S. line 5 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence I run

S. 89° 56' W. on a true line bet. secs. 16 and 21.

Over level land.

40.12 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

Chains

1/4 S 16

---

 S 21  
 1915

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

50.30 Gulch, course SW., 45 ft. below 1/4 sec. cor., asc.

80.24 Cor. of secs. 16, 17, 20 and 21, 53 ft. above gulch.

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

March 5, 1915.

March 6, 1915: At the cor. of secs. 16, 17,  
 20 and 21, set at 8h, 30m, a. m., l.m.t., set off  $5^{\circ}$   
 $53'$  S. on the decl. arc, and  $34^{\circ} 51'$  N. on the lat.  
 arc, and determine a meridian with the solar,

Thence I run

N.  $0^{\circ} 8'$  W. bet. secs. 16 and 17.

Over level land.

40.00 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 17 | S 16  
 1915

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

49.82 Wash, course SW., 78 ft. below 1/4 sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface  
 rock, in a mound of stone, for cor. of secs. 8, 9, 16  
 and 17, with a brass cap, marked

T 17 N R 20 W  
 S 8 | S 9  
 S 17 | S 16  
 1915

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

Land, level and slightly rolling.



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

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40.00 N. 89° 56' E. on arandom line bet. secs. 9 and 16.  
Set temp. 1/4 sec. cor.

80.20 Intersect N. and S. line 10 lks. N. of the cor. of secs.  
9, 10, 15 and 16.  
Thence I run  
West on a true line bet. secs. 9 and 16.  
Over level land.

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 9

S 16  
1915

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

80.20 Cor. of secs. 8, 9, 16 and 17.  
Land, level.  
Soil, stony, 4th. rate.  
Undergrowth, greasewood, sagebrush and cactus. Mar. 6, 1915.  
Otis Ross, U.S. Surveyor.

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March 6, 1915:  
Line run by Guy. H. Richardson, U.S. Surveyor, as follows:  
From the cor. of secs. 8, 9, 16 and 17, I run  
N. 0° 8' W. bet. secs. 8 and 9.  
Over level land.

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 8 | S 9  
1915

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

75.00 Begin to desc.

79.00 Wash, course W., at bottom of 52 ft. descent, asc.

## Chains

80.00 9 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor of secs. 4, 5, 8 and 9, with a brass cap, marked

T 17 N		R 20 W
S 5		S 4
S 8		S 9
1915		

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

Land, level and slightly rolling.

Soil, sandy and stony, 4th. rate.

Undergrowth, greasewood, cactus and sagebrush.

March 6, 1915.

-----  
Guy H. Richardson, U. S. Surveyor.  
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March 7, 1915. Lines run by Otis Ross, U.S. Surveyor, as follows:

At the cor. of secs. 4, 5, 8 and 9, at 2h., 0m., p. m., 1.m.t. set off  $5^{\circ} 25'$  S. on the decl. arc,  $34^{\circ} 53'$  N. on the lat. arc, and determine a meridian with the solar

Thence I run

East on a random line bet. secs. 4 and 9.

40.00 Set temp.  $1/4$  sec. cor.

80.24 Intersect cor. of secs. 3, 4, 9 and 10.

Thence I run

West on a true line bet. secs. 4 and 9.

Desc. over rolling land.

15.25 Enter wide shallow wash, course S.  $87^{\circ}$  W., 145 ft. below sec. cor.

40.12 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 4

-----  
S 9  
1915

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

75.27 Leave wash, asc.

Chains

80.24 35 ft. above wash, cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, sandy and stony, 4th. rate.  
 Undergrowth, greasewood, sagebrush and cactus.  
 No grass.

-----  
 N. 0° 8' W. on a true line, bet. secs. 4 and 5. -----

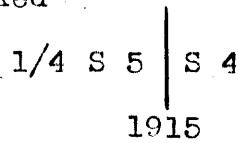
Asc. over rolling land.

0.50 Top of spur, slopes W., 20 ft. above sec. cor., desc.

4.70 Wash, course W., 80 ft. below top of spur, thence asc. over wash land.

34.69 Leave wash land, 22 ft. above wash, asc. hills, bear E. and W.

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



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

42.47 Top of spur, slopes W. 90 ft. above wash land, desc.

49.84 Gulch, course SW., 75 ft. below top of spur, asc.

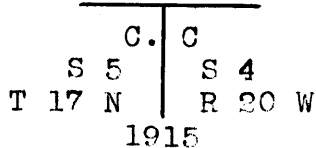
54.80 Top of spur, slopes W., 53 ft. above gulch, desc.

63.06 Gulch, course SW., 100 ft. below top of spur, asc.

69.60 Top of spur, slopes SW., 53 ft. above gulch, desc.

74.55 Gulch, course SW., 45 ft. below top of spur, asc.

81.09 80 ft. above gulch, intersect the N. bdy. of the twp., 81 lks. S. 89° 44' W. of the cor. of secs. 4, 5, 32 and 33 described in Book "A,". I change this cor. to a cor. for secs. 32 and 33 only, and at point of intersection, set an iron post, 3 ft. long, 2 ins. in diam. on surface rock, in a mound of stone, for closing cor. of secs. 4 and 5, with a brass cap, marked



Chains

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, sagebrush and cactus.

No grass.

March 7, 1915.

Otis Ross, U.S. Surveyor.

March 4, 1915; lines run by Guy. H. Richardson, U.S. Surveyor, as follows:

I commence at old Standard cor. of secs. 31 and 32, on  
(4th. Std. Par. N.)  
the S. bdy. of the township, which is a lava stone,

8 X 10 X 12 ins. above ground, marked and witnessed as  
described by the surveyor general. At 9h. Om., a. m.,  
1.m.t., I set off 6° 39' S. on the decl: arc, and 34°  
48 1/2' N. on the lat. arc, and determine a meridian  
with the solar.

Thence I run

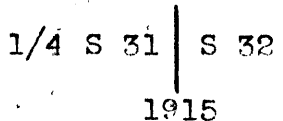
N. 0° 9' W. bet. secs. 31 and 32.

Over level and slightly rolling land.

5.00 Wash, course SW., asc.

10.00 40 ft. above wash, thence over level land, bears E. and W.

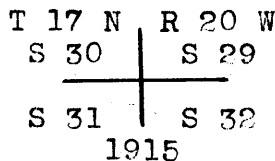
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in  
the ground, to solid rock, in a mound of stone, for  
1/4 sec. cor., with a brass cap, marked



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

55.00 Leave level land, asc. hills, bear E. and W.

80.00 72 ft. above level land, set an iron post, 3 ft. long,  
2 ins. in diam., on surface rock, in a mound of stone,  
for cor. of secs. 29, 30, 31 and 32, with a brass cap,  
marked



Subdivision of T. 17 N., R. 20 W.

Chains

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

Land, slightly rolling and level.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

-----  
East on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 9 lks. S. of the cor. of secs.  
28, 29, 32 and 33.

Thence I run

S. 89° 56' W. on a true line bet. secs. 29 and 32.

Over level, stony land.

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 29

-----  
S 32  
1915

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

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

Land, level.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

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

40.00 Set temp. 1/4 sec. cor.

79.95 Intersect the W. bdy. of the township 9 lks. N. of the old  
cor. of secs. 25, 30, 31 and 36, which is a lava stone,  
10 X 12 X 8 ins. above ground, marked and witnessed as  
described by the surveyor general.

Thence I run

N. 89° 56' E. on a true line bet. secs. 30 and 31.

Asc. slightly over rolling land.

10.00 Top of 22 ft. ascent, thence over level land.

Chains

39.95 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 30

S 31  
1915

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

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

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

At apparent noon, at the cor. of secs. 29, 30, 31 and 32,

I set off 6° 36 1/2' S. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 34° 49 1/2' N. March 4, 1915.

----- Guy H. Richardson, U.S. Surveyor. -----

March 5, 1915; lines run by Otis Ross, U S. Surveyor, as follows:

At the cor. of secs. 29, 30, 31 and 32, at 9h. 0m., a. m., l.m.t. set off 6° 16' S. on the decl. arc, 34° 49 1/2' N. on the lat. arc, and determine a meridian with the solar,

Thence I run

N. 0° 9' W. bet. secs. 29 and 30.

Over level and slightly rolling land.

40.00 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 30 | S 29  
1915

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

44.80 Gulch, course W., 90 ft. below 1/4 sec. cor., asc.

49.65 Top of hill, bears E. and W., 85 ft. above gulch, desc.

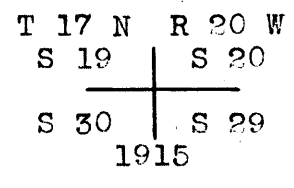
59.46 Wash, course W., 115 ft. below top of hill.

Subdivision of T. 17 N., R. 20 W.

Chains

79.50 Enter wash, course SW.

80.00 Leave wash, set an iron post, 3 ft. long, 2 1/2 ins. in diam. 18 ins. in the ground, to solid rock, in a mound of stone, 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, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

N. 89° 56' E. on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N. and S. line 9 lks. N. of the cor. of secs. 20, 21, 28 and 29.

Thence I run

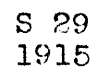
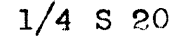
West on a true line bet. secs. 20 and 29.

Over level land, desc. slightly.

5.15 Enter wide shallow wash, course W., 45 ft. below sec. cor.

Thence over level land in bottom of wash.

40.07 Set an iron post, 3 ft. long, 1 in. in diam., 9 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, N. of cor.

55.57 Leave wash, course S. 65° W., asc.

68.48 Top of spur, slopes SW., 135 ft. above wash, desc.

79.60 Wash, course SW, 120 ft. below top of spur.

80.14 Cor. of secs. 19, 20, 29 and 30.

Chains

Land, level and slightly rolling.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

No grass.

S. 89° 56' W. on a random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

79.74 Intersect the W. bdy. of the township 12 lks. S. of the old cor. of secs. 19, 24, 25 and 30, which is a lava stone, 12 X 9 X 7 ins. above ground, marked and witnessed as described by the surveyor general.

Thence I run

S. 89° 59' E. on a true line bet. secs. 19 and 30.

Asc. over slightly rolling land.

39.74 52 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 18 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., desc. from 1/4 sec. cor.

79.74 Cor. of secs. 19, 20, 29 and 30, 100 ft. below 1/4 sec. cor.

Land, level and slightly 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 6° 13 1/2' S. on the decl. arc, and observe the sun on the meridian for latitude. The resulting latitude is 34° 50 1/2' N. March 5, 1915.

----- Otis Ross. ----- U.S. Surveyor. -----

March 6, 1915; lines run by Guy H. Richardson, U. S. Surveyor of as follows:

At the cor. of secs. 19, 20, 29 and 30,



Chains at 8h. 30m., a. m., l.m.t., set off 5° 53' S. on the Decl. arc, and 34° 50½' N. on the lat. arc, and determine a meridian with the solar,

Thence I run  
 N. 0° 9' W. bet. secs. 19 and 20.  
 Asc. over rolling land.

9.50 135 ft. above sec. cor., enter level land, bears NE. and SW.

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 19	S 20
1915	

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

70.00 Wash, course NW., asc.

80.00 15 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, with a brass cap, marked

T 17 N	R 20 W
S 18	S 17
S 19	S 20
1915	

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

Land, level and slightly rolling.  
 Soil, stony, 4th. rate.  
 Undergrowth, scattering greasewood.

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East on a random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect the cor. of secs. 16, 17, 20 and 21.

Thence I run  
 West on a true line bet. secs. 17 and 20.  
 Over level land.

40.08 Set an iron post, 3 ft. long, 1 in. in diam., on surface

- Chains rock, in a mound of stone, 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,  $1\frac{1}{2}$  ft. high, N. of cor.
- 80.16 Cor. of secs. 17, 18, 19 and 20.  
Land, level.  
Soil, stony, 4th. rate.  
Undergrowth, greasewood and cactus.
- 
- N.  $89^{\circ} 59'$  W. on a random line bet. secs. 18 and 19.
- 40.00 Set temp.  $1/4$  sec. cor.
- 79.72 Intersect the W. bdy. of the twp. 5 lks. S. of the old cor. of secs. 13, 18, 19 and 24, which is a lava stone, 7 X 5 X 10 ins. above ground, marked and witnessed as described by the surveyor general.
- Thence I run
- S.  $89^{\circ} 57'$  E. on a true line bet. secs. 18 and 19.  
Asc. over rolling land.
- 24.72 Topock and Oatman road, bears N. and S.
- 29.70 Enter wash, course W. Then cross and recross said wash.
- 39.72 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 19  
1915
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., 60 ft. above sec. cor., desc. along bank of wash, course west.
- 49.70 Foot of 35 ft. desc., asc.
- 55.00 Leave wash at forks from NE. and SE. Continue ascent.
- 59.70 Top of 35 ft. ascent, thence over level land.
- 79.72 Cor. of secs. 17, 18, 19 and 20.  
Land, rolling.  
Soil, stony, 4th. rate.  
Undergrowth, greasewood and cactus.

Subdivision of T. 17 N., R. 20 W.

Chains N. 0° 9' W. bet. secs. 17 and 18.  
 Desc. over slightly rolling land.

5.00 Center of wash, course N. 75° W., 32 ft. below sec. cor. asc.

12.00 Top of 45 ft. ascent, enter level land, bears E. and W.

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 18		S 17
1915		

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

45.00 Leave level land, desc.

54.90 Wash, course SW., 96 ft. below level land, asc.

57.50 32 ft. above wash, thence over level land.

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

T 17 N	R 20 W
S 7	B 8
S 18	S 17
1915	

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

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

---

March 6, 1915.  
 At the cor. of secs. 7, 8, 17 and 18, at apparent noon,  
 I set off 5° 50' S. on the decl. arc, and observe the sun on the meridian for lat. The resulting latitude is 34° 52' N.

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March 7, 1915.  
 East on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 12 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Chains	Thence I run S. 89° 55' W. on a true line bet. secs. 8 and 17. Asc. over slightly rolling land.
40.06	30 ft. above sec. cor., 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 <u>1/4 S 8</u> S 17 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., desc.
45.00	Foot of 78 ft. descent, thence over level land.
80.12	Cor. of secs. 7, 8, 17 and 18. Land, level and slightly rolling. Soil, stony, 4th. rate. Undergrowth, greasewood and cactus.
	N. 89° 57' W. on a random line bet. secs. 7 and 18.
40.00	Set temp. 1/4 sec. cor.
79.63	Intersect the W. bdy. of the twp., 12 lks. S. of old cor. of secs. 7, 12, 13 and 18, which is a lava stone, 9 X 6 X 4 ins. above ground, marked and witnessed as described by the surveyor general. Thence I run S. 89° 52' E. on a true line bet. secs. 7 and 18. Over level land.
30.00	Leave level land, asc. slightly.
39.63	70 ft. above level land, 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 <u>1/4 S 7</u> S 18 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., desc.
54.60	Foot of hills, 65 ft. below 1/4 sec. cor., enter level

Subdivision of T. 17 N., R. 20 W.

Chains land, bears N. and S.  
 69.65 Topock and Oatman road, bears N. 20° E. and S. 20° W.  
 79.63 Cor. of secs. 7, 8, 17 and 18.  
 Land, level and slightly rolling.  
 Soil, stony, 4th. rate.  
 Undergrowth, greasewood and cactus.

March 7, 1915.

-----Guy H. Richardson, U.S. Surveyor.-----

March 7, 1915; Line run by Otis Ross, U.S. Surveyor, as follows:

At the cor. of secs. 7, 8, 17 and 18, at 8h. Om., a. m., l.m.t., set off 5° 30' S. on the decl. arc, 34° 52' N. on the lat. arc, and determine a meridian with the solar,

Thence I run

N. 0° 9' W. bet. secs. 7 and 8.

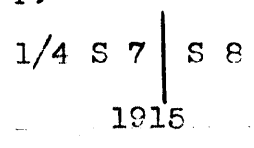
Desc. over slightly rolling land.

21.60 Wash, course SW.

26.79 Wash, course SW.

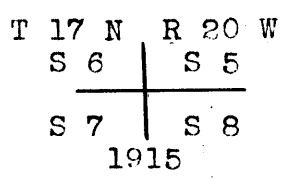
29.85 Oatman and Topock road, bears N. 25° E. and S. 25° W.

40.00 22 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. Continue to desc.

80.00 22 ft. below 1/4 sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground, to solid rock, in a mound of stone, 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, slightly rolling.

Chains

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

Otis Ross, U.S. Surveyor

Line run by Guy H. Richardson, U.S. Surveyor as follows:

N. 89° 55' E. on a random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N. and S. line 10 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

S. 89° 59' W. on a true line bet. secs. 5 and 8.

Desc. over rolling land.

40.12 115 ft. below sec. cor., 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 5

S 8  
1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high; N. of cor. Thence over level land.

61.50 Oatman and Topock road, bears N. and S.

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

Land, rolling and level.

Soil, stony, 4th. rate.

Undergrowth, greasewood, sagebrush and cactus.

Guy H. Richardson, U.S. Surveyor.

Lines run by Otis Ross, U.S. Surveyor, as follows:

At the cor. of secs. 5, 6, 7 and 8, at apparent noon, I set off 5° 27' S. on the decl. arc, and observe the sun on the meridian for lat. The resulting lat. is 34° 53' N. Mar. 7, 1915.

N. 89° 52' W. on a random line bet. secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

79.61 Intersect the W. bdy. of the twp. 5 lks. N. of old cor. of secs. 1, 6, 7 and 12, which is a lava stone 10 X 8 X 5 ins. above ground, marked and witnessed as described by the surveyor general.

Thence I run

Subdivision of Township 17 North Range 20 West.

Chains

S.89° 54' E. on a true line, bet. secs.6 and 7.  
Over level.

39.61 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 6

S 7  
1915

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

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

Land,level.

Soil, stony, 4th rate.

Undergrowth, greasewood, sage brush and cactus.

N.0°9'W., on a true line, bet. secs.5 and 6.

Ascend over slightly rolling land.

40.00 22 ft. above sec.cor., set an iron post, 3 ft. long, 1 in.  
in diam., 18 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 6 | S 5  
1915

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

65.00 Wash, course W.; ascend.

80.70 Intersect the N. bdy.of the Tp., 1.22 chs.S.89° 44'W.of  
cor.of secs. 5,6,31 and 32, described in Book "A,"100  
ft. above wash. I change this cor.to refer to secs.  
31 and 32 only, and at point of intersection,set an iron  
post, 3 ft.long, 2 ins. in diam.,on surface rock,in a  
mound of stone, for closing cor.of secs.5 and 6,with  
a brass cap, marked

C C  
S 6 | S 5  
T 17 N | R 20 W  
1915

16. Subdivision of Township 17 North, Range 20 West.

Chains.

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

Land slightly rolling.

Soil, stony, 4th rate.

Undergrowth, greasewood, sage brush and cactus.

Otis Ross, U.S.S. March 7, 1915.

Boundaries of T. 17 N., R. 20 W.  
Latitudes, departures, and closing errors.

Line designated.	Bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. bdy. of Tp. (4th. St. Par. N)	West	480.00				480.00
West Bdy. of Tp.	North	480.00	480.00			
North bdy. of Tp.	N. 89° 44' E	480.76	2.24		480.76	
East bdy. of Tp.	South	40.08		40.08		
	S. 0° 24' W.	39.93		39.93		0.28
	S. 0° 05' E.	39.92		39.92	0.06	
	S. 0° 03' W.	40.12		40.12		0.04
	S. 0° 15' E.	40.22		40.22	0.18	
	S. 0° 13' E.	80.30		80.30	0.30	
	S. 0° 14' E.	40.20		40.20	0.16	
	S. 0° 8' E.	40.18		40.18	0.09	
	S. 0° 14' E.	40.29		40.29	0.16	
	S. 0° 06' E.	40.64		40.64	0.07	
	S. 0° 08' E.	39.88		39.88	0.09	
Convergency					0.51	
Totals			482.24	481.76	482.38	480.32
			481.76		480.32	
Error in latitude			0.48			
Error in departure					2.06	

GENERAL DESCRIPTION.

This township is rough and mountainous in the eastern part, and rolling, mountainous and level in the western part, and thickly covered for the most part with basalt boulders. Grazing is fair in the western part. Cactus and greasewood is quite abundant, but no timber or water within the township. There are no settlers in the township.



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BOOK 2880

CERTIFICATES OF  
FOR: ~~FINAL CERTIFICATE~~ UNITED STATES SURVEYORS  
see book "C" of this group

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,  
Phoenix, Arizona, *February 26*, 1917.

The foregoing field notes of the survey of the \_\_\_\_\_  
Subdivision lines of  
TOWNSHIP 17 NORTH, RANGE 20 WEST,

of the Gila and Salt River Base and Meridian, State of Arizona, executed by Guy H. Richardson and Otis Ross, U.S. Surveyors, under special instructions dated January 4, 1915, for Group 43, \_\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank P. Smith*  
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.~~