

2700

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(1)

BOOK 2700

Book "G"  
Subdivisions

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision lines of

Township 5 South, Range 15 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

W. K. Kierulff,

In the capacity of U. S. Transitman, under instructions dated February 26, 1913, issued by the United States Surveyor General to govern surveys included in Group No. 28, which were approved by the Commissioner of the General Land Office, March 12, 1913, pursuant to authority contained in the Act of Congress dated June 23, 1913.

Survey commenced July 31, 1913.

Survey completed August 16, 1913.

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Township 5 South, Range 15 West.

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First Standard Parallel South

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- Book "A"
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Chains.

Survey commenced July 31, 1913, and executed with a Young and Son's light mountain transit No. 8485, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs. I examine the adjustments of the transit, and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. observations, with a meridian determined by observations on Polaris, I proceed as follows:

At a point near camp, in sec. 3, T. 5 S., R. 15 W., at 3h. 0m. p.m., l.m.t., I set off  $33^{\circ}01\frac{1}{2}'$  N. on the lat. arc, and  $18^{\circ}15'$  N. on decl. arc, and determine a meridian with the solar. I mark the meridian thus determined by a tack in a wooden peg set in the ground, 5.00 chs. N. of my station.

At 10h. 56m. p.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark the point of the line thus determined by a tack in a wooden peg set 5.00 chs. north of my station.

July 31, 1913.

August 1, 1913: At 7h. 0m. a.m., l.m.t., I lay off the azimuth of Polaris,  $1^{\circ}22'$  to the west, and mark the meridian thus determined by a tack in the wooden peg already set 5.00 chs. north of my station.

At 8h. 0m. a.m., l.m.t., I set off  $33^{\circ}01\frac{1}{2}'$  N. on the lat. arc and  $18^{\circ}05\frac{1}{2}'$  N. on the decl. arc, and determine a meridian with the solar. The meridians thus determined by the solar apparatus fall respectively east and west of the Polaris meridian  $20''$ ; therefore, I conclude that the adjustments of the instrument are satisfactory.

I commence at the cor. of secs. 1, 2, 35 and 36, on north bdy. of Tp., established by me as described in Book "A."

Thence I run,  $S\ 0^{\circ}01' E.$  on a true line, bet. secs. 1 and 2.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 2 on W. half; S 1 on E. half; and 1913 on S. half; from which,

An ironwood, 15 ins. in diam., brs.  $N. 74\frac{3}{4}^{\circ} E.$ , 110 lks. dist., marked  $\frac{1}{4}$  S 1 B T.

A pale verde, 6 ins. in diam., brs.  $S. 40\frac{3}{4}^{\circ} W.$ , 156 lks. dist., marked  $\frac{1}{4}$  S 2 B T.

45.00

Wash, 100 lks. wide, 8 ft. banks, course  $S\ 20^{\circ} W.$

54.75

Yuma and Phoenix auto road, brs.  $N. 75^{\circ} W.$  and  $S. 75^{\circ} E.$

80.00

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 brass cap, marked,

T 5 S S 2 in NW.,  
R 15 W S 1 in NE.,  
S 12 in SE., and  
S 11 in SW. quadrants;  
1913 on S. half;

dig pits,  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, volcanic ash, 3rd rate, gravel surface.

Greasewood brush; pale verde and ironwood timber.

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## 2. Subdivision of Township 5 South, Range 15 West.

Chains

40.00 East, on a random line, bet. secs. 1 and 12.  
Set temp.  $\frac{1}{4}$  sec. cor.  
At this point, I set off  $18^{\circ} 03'$  N. on the decl. arc, and at 12h. 6m. l.m.t., I observe the sun on the meridian; the resulting lat. is  $33^{\circ} 01'$  N.  
Thence I run, east on random line.

79.99 Intersect east bdy. of Tp., 5 links S. of cor. of secs. 1, 6, 7 and 12, established by me, as described in Book "A."  
Thence I run,  
S.  $89^{\circ} 58'$  W., on a true line, bet. secs. 1 and 12.

39.995 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 1 on N. half; and  
S 12, 1913 on S. half; from which,  
An ironwood, 10 ins. in diam., brs. N.  $51\frac{1}{2}^{\circ}$  W., 210 lks. dist., marked  $\frac{1}{4}$  S 1 B. T.  
A palo verde, 6 ins. in diam., brs. S.  $14\frac{1}{2}^{\circ}$  E., 145 lks. dist., marked  $\frac{1}{4}$  S 12 B. T.

54.99 Wash, 100 lks. wide, 3 ft. banks, course south.  
69.99 Wash, 100 lks. wide, course south.  
79.99 Cor. of secs. 1, 2, 11 and 12.  
Land, level.  
Soil, volcanic ash, 2nd rate, gravel surface.  
Timber, scattering palo verde and ironwood.  
Undergrowth, scattering greasewood brush.

20.00 S.  $0^{\circ} 01'$  E., on a true line, bet. secs. 11 and 12.  
Wash, 100 lks. wide, 3 ft. banks, course S.  $20^{\circ}$  W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 11 on W. half;  
S 12 on E. half; and  
1913 on S. half;  
dig pits,  $18 \times 18 \times 12$  ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked,  
T 5 S S 11 in NW.,  
R 15 W S 12 in NE.,  
S 13 in SE., and  
S 14 in SW. quadrants;  
1913 on S. half;  
dig pits,  $18 \times 18 \times 12$  ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W of cor.; from which, the only bearing tree,  
An ironwood, 6 ins. in diam., brs. S.  $47\frac{1}{2}^{\circ}$  W., 81 lks. dist., marked T 5 S R 15 W S 14 B T

Land, level.  
Soil, volcanic ash, 2nd rate; gravel surface.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

August 1, 1913.

August 4, 1913:

At 8h. 0m. a.m., l.m.t., I set off  $33^{\circ} 0'$  N. on lat. arc; and  $17^{\circ} 19'$  N. on decl. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14, above described.

Thence I run,

East, on a random line, bet. secs. 12 and 13.  
Over level land.

Subdivision of Township 5 South, Range 15 West, 3.

Chains.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect E. bdy. of Tp., 2 lks. S. of cor. of secs. 7, 12, 13, and 18, established by me, as described in Book "A." Thence I run, S  $89^{\circ}59'$  W., on a true line, bet. secs. 12 and 13.  
 19.73 Old road brs. S  $10^{\circ}$  W.  
 23.98 Wash, 50 lks. wide, 3 ft. banks, course S  $30^{\circ}$  W.  
 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 brass cap, marked,  $\frac{1}{4}$  S 12 on N. half; and S 13, 1913 on S. half; from which,  
 An ironwood, 6 ins. in diam., brs. N  $38^{\circ}$  W., 262 lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
 A palo verde, 12 ins. in diam., brs. S  $38^{\circ}$  W., 87 lks. dist., marked  $\frac{1}{4}$  S 13 B T.  
 45.98 Wash, 100 lks. wide, 3 ft. banks, course S  $5^{\circ}$  W.  
 60.98 Wash, 100 lks. wide, 3 ft. banks, course S  $5^{\circ}$  W.  
 79.93 Old road brs. N  $10^{\circ}$  E. and S  $10^{\circ}$  W.  
 79.98 Cor. of secs. 11, 12, 13 and 14.  
 Land, level.  
 Soil, second rate, volcanic ash; gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

S  $0^{\circ}01'$  E.; on a true line, bet. secs. 13 and 14.  
 Over level land.  
 0.05 Old road brs. N  $10^{\circ}$  E. and S  $10^{\circ}$  W.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  $\frac{1}{4}$  S 14 on W. half; S 13 on E. half; and 1913 on S. half;  
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap, marked, An ironwood, 10 ins. in diam., brs. N  $89^{\circ}$  W., 196 lks. dist., marked T 5 S R 15 W S 14 B T. An ironwood, 8 ins. in diam., brs. S  $48^{\circ}$  W., 315 lks. dist., marked T 5 S R 15 W S 23 B T.  
 Land, level.  
 Soil, 2 nd rate, volcanic ash, gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Undergrowth, scattering greasewood brush.

40.00 East, on a random line, bet. secs. 13 and 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 August 4: At this point I set off  $17^{\circ}16'$  N. on the decl. arc, and at 212h.6m. l.m.t., I observe the sun on the meridian; the resulting lat. is  $32^{\circ}59'$  N.  
 Continue line east.  
 79.95 Intersect east bdy. of Tp. 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, established by me as described in Book "A." Thence I run, West, on a true line, bet. secs. 13 and 24.

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## 4. Subdivision of Township 5 South, Range 15 West.

## Chains.

32.45 Old road, brs.N.and S.  
 39.975 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor., with brass cap, marked  $\frac{1}{4}$  S 13 in N.half; and S 24, 1913 on S.half; from which,  
 An ironwood, 20 ins. in diam., brs.N.57°W., 186 lks.dist., marked  $\frac{1}{4}$  S 13 B T.  
 An ironwood 12 ins. in diam., brs.S.27 $\frac{3}{4}$ °W., 225 lks.dist., marked  $\frac{1}{4}$  S 24 B T.

43.95 Wash, 100 lks.wide, 2 ft.banks, course S.5°W.  
 60.95 Wash, 100 lks.wide, 2 ft. banks, course S.5°W.  
 64.95 Wash, 100 lks.wide, 2 ft.banks, course S.5°W.  
 79.95 Cor.of secs.13,14,23 and 24.  
 Land,level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

S.0°01'E., on a true line, bet. secs.23 and 24.  
 Over level land.

30.00 Wash, 50 lks.wide, 3 ft. banks, course S.10°W.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  $\frac{1}{4}$  S 23 on W.half; S 24 in E.half, and 1913 on S.half;  
 dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

61.00 Wash, 100 lks.wide, 2 ft.banks, course S.10°W.  
 75.30 Old road, brs.NW. and SE.  
 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 brass cap, marked  
 T 5 S S 23 in NW.,  
 R 15 W S 24 in NE.,  
 S 25 in SE., and  
 S 26 in SW. quadrant;  
 1913 on S.half;  
 dig pits, 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth, 4 ft.base, 2 ft.high, W.of cor.  
 From which, the only trees in limits are,  
 A palo verde, 6 ins. in diam., brs.N.59 $\frac{1}{2}$ °W., 191 lks.dist., marked T 5 S R 15 W S 23 B T.  
 An ironwood, 8 ins. in diam., brs.S.82 $\frac{1}{2}$ °W., 170 lks.dist., marked T 5 S R 15 W S 26 B T.

Land,level.  
 Soil, 2nd rate, volcanic ash. Gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

40.00 East, on a random line, bet. secs.24 and 25.  
 Set temp. $\frac{1}{4}$  sec.cor.  
 79.90 Intersect east bdy. of township, 7 links N.of the cor.of secs.19,24,25 and 30, established by me, as described in Book "A."  
 Thence  $\frac{1}{4}$  run,  
 N.89° 57' W., on a true line, bet. secs.24 and 25.

1.50 Dry wash, 50 lks.wide, course SW.  
 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 brass cap, marked  $\frac{1}{4}$  S 24 on N.half; and S 25, 1913 on S.half;  
 dig pits 18x18x12 ins., E and W.of cor. 3 ft. dist.,

S. Division of Township 5 South, Range 15 West. 5.

Chains.

and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 74.90 Old road, brs. NW. and SE.  
 79.90 Cor. of secs. 23, 24, 25 and 26.  
 Land, level.  
 Soil, 2nd rate, volcanic ash; gravel, surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.  
 August 4, 1913.

August 6, 1913:  
 At the cor. of secs. 23, 24, 25 and 26, I set off  $16^{\circ}44'N.$ , on decl. arc, and at 12h. 6m. 1.m.t., I observe the sun on the meridian; the resulting latitude is  $32^{\circ}58'N.$

Thence I run,  
 S.  $0^{\circ} 01' E.$ , on a true line, bet. secs. 25 and 26.  
 Over level land.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap; marked  
 $\frac{1}{4}$  S 26 on W. half;  
 S 25 on E. half; and  
 1913 on S. half;  
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked  
 T 5 S S 26 in NW.,  
 R 15 W S 25 in NE.,  
 S 36 in SE., and  
 S 35 in SW. quadrant;  
 1913 on S. half;  
 dig pits, 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

East, on a random line, bet. secs. 25 and 36.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.95 Intersect east bdy of Tp., 3 lks. S. of cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A."  
 Thence I run,  
 S.  $89^{\circ}59' W.$ , on a true line, bet. secs. 25 and 36.  
 39.975 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 25 on N. half; and  
 S 36 1913 on S. half;  
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 64.95 Wash, 100 lks. wide, shallow, course S.  $10^{\circ} W.$   
 79.95 Cor. of secs. 25, 26, 35 and 36.  
 Land, level.  
 Soil, 2nd rate, volcanic ash, gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.  
 August 6, 1913.

Chains.

August 8, 1913:  
 At the cor. of secs. 25, 26, 35 and 36, I set off  $16^{\circ}10'N.$  on decl. arc, and at 12h.  $5\frac{1}{2}m.$ , I observe the sun on the meridian; the resulting latitude is  $32^{\circ}57\frac{1}{2}'N.$   
 Thence I run,  
 S.  $0^{\circ}01'E.$  on a random line, bet. secs. 35 and 36.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 82.70 Intersect south bdy. of Tp. (1st. Standard Parallel South) 35 lks. S.  $89^{\circ}59'E.$  of the standard cor. of secs. 35 and 36, reestablished by W.H. Thorn, U.S. Surveyor, as described in Book "C."  
 Thence I run,  
 N.  $0^{\circ}14'E.$  on a true line, bet. secs. 35 and 36.  
 Over level land.  
 36.70 Old road brs. NE. and SW.  
 42.70 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  $\frac{1}{4}$  S 35 on W. half, S 36 on E. half, and 1913 on S. half;  
 dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 82.70 Cor. of secs. 25, 26, 35 and 36.  
 Land, level.  
 Soil, 2nd rate, volcanic ash gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

August 8, 1913.

August 5, 1913.  
 At 8h. 0m. a.m., 1.m.t., at the cor. of secs. 2, 3, 34 and 35, on the north bdy. of the Tp. established by me, as described in Book "A," I set off  $33^{\circ}01\frac{1}{2}'N.$  on the lat. arc, and  $17^{\circ}03'N.$  on the decl. arc, and determine a meridian with the solar.  
 Thence I run,  
 S.  $0^{\circ}01'E.$  on a true line, bet. secs. 2 and 3.  
 Over level land.  
 22.50 Wash, 100 lks. wide, 3 ft. banks, course S.  $15^{\circ}E.$   
 Follow wash to  
 34.00 Leave wash, bears S.  $10^{\circ}W.$   
 36.10 Phoenix and Yuma auto road bears N.  $60^{\circ}W.$  and S.  $60^{\circ}E.$   
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 3 on W. half; S 2 on E. half, and 1913 on S. half; from which,  
 A palo verde, 12 ins. in diam., bears N.  $70\frac{1}{2}^{\circ}E.$ , 377 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
 A palo verde, 6 ins. in diam., bears S.  $15\frac{1}{2}^{\circ}W.$ , 71 lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
 41.00 Enter same wash, follow it to  
 49.00 Wash, turns S.  $20^{\circ}W.$   
 80.00 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 brass cap, marked,  
 T 5 S S 3 in NW.,  
 R 15 W S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quadrants;  
 1913 on S. half;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering palo verde and ironwood; dense along washes.  
 Scattering greasewood brush.



Chains.

40.00 East, on a random line, bet. secs. 2 and 11.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.03 Intersect N. and S. line, 3 lks. N. of cor. of secs. 1, 2, 11 and 12.

Thence I run,  
 N.  $89^{\circ}59'$  W., on a true line, bet. secs. 2 and 11.  
 Over level land.

4.03 Wash, 50 lks. wide, 4 ft. banks, course S.  $10^{\circ}$  W.  
 12.03 Wash, 100 lks. wide, 2 ft. banks, course south.

29.03 Old road brs. N. and S.  
 39.53 Wash, 100 lks. wide, 2 ft. banks, course south.

40.01 $\frac{1}{2}$  Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 2 on N. half; and S 11, 1913 on S. half; from which,  
 An ironwood, 15 ins. in diam., brs. N.  $66\frac{1}{2}^{\circ}$  E., 140 lks. dist., marked  $\frac{1}{4}$  S 2 B T.  
 An ironwood, 18 ins. in diam., brs. S.  $37\frac{1}{2}^{\circ}$  E., 125 lks. dist., marked  $\frac{1}{4}$  S 11 B T.

55.03 Wash, 100 lks. wide, 2 ft. banks, course S.  $5^{\circ}$  W.  
 80.03 Cor. of secs. 2, 3, 10 and 11.

Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, palo verde and ironwood.  
 Undergrowth, scattering greasewood brush.

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 40.00 S.  $0^{\circ} 01'$  E., on a true line, bet. secs. 10 and 11.  
 Over level land.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 10 on W. half, S 11 on E. half, and 1913 on S. half;

dig pits, 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

August 5: At this cor. I set off  $16^{\circ} 0'$  N. on decl. arc, and at 12h. 6m. l.m.t., I observe the sun on the meridian; the resulting latitude is  $33^{\circ} 0\frac{1}{2}'$  N.

Continue line S.  $0^{\circ} 01'$  E.

67.50 Old road brs. NW. and SE.  
 78.00 Wash, 50 lks. wide, 4 ft. banks, course S.  $30^{\circ}$  W.  
 80.00 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 brass cap, marked

T 5 S S 10 in NW.,  
 R 15 W S 11 in NE.,  
 S 14 in SE., and  
 S 15 in SW. quadrants;  
 1913 on S. half;

dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. From which, the only trees within limits,

A palo verde, 12 ins. in diam., brs. N.  $65\frac{1}{2}^{\circ}$  W., 163 lks. dist., marked T 5 S R 15 W S 10 B T.

An ironwood, 30 ins. in diam., brs. N.  $2^{\circ}$  E., 153 lks. dist., marked T 5 S R 15 W S 11 B T.

A palo verde, 14 ins. in diam., bears S.  $68^{\circ}$  W., 252 lks. dist., marked T 5 S R 15 W S 15 B T.

Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Undergrowth, scattering greasewood brush.

8. Subdivision of Township 5 South, Range 15 West.

Chains

East, on a random line, bet. secs. 11 and 14.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line, 3 links N. of cor. of secs. 11, 12, 13 and 14.  
 Thence I run,  
 N.  $89^{\circ}59'W.$  on a true line, bet. secs. 11 and 14.  
 32.00 Wash, 100 lks. wide, 1 ft. banks, course S.  $10^{\circ}W.$   
 35.50 Old road brs. S.  $20^{\circ}E.$  and N.  
 39.25 Wash, 100 lks. wide, 2 ft. banks, course south.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 11 on N. half; and  
 S 14, 1913 on S. half; from which,  
 An ironwood, 25 ins. in diam., bears N.  $37\frac{1}{2}^{\circ}E.$ ,  
 240 lks. dist., marked  $\frac{1}{4}$  S 11 BT.  
 An ironwood, 20 ins. in diam., bears S.  $83\frac{1}{2}^{\circ}E.$ ,  
 162 lks. dist., marked  $\frac{1}{4}$  S 14 B T.  
 65.00 Old road brs. NW. and SE.  
 80.00 Corner of secs. 10, 11, 14 and 15.  
 Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

S.  $0^{\circ}01' E.$ , on a true line, bet. secs. 14 and 15.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 15 on W. half;  
 S 14 on E. half; and  
 1913 on S. half;  
 dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap, marked  
 T 5 S S 15 in NW.,  
 R 15 W S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW. quadrants;  
 1913 on S. half;  
 dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

August 5, 1913.

August 6, 1913.  
 At 8h. 0m. a.m., l.m.t., I set off  $32^{\circ}59'N.$  on lat. arc; and  $16^{\circ}47'N.$  on decl. arc, and determine a meridian with the solar, at the cor. of secs. 14, 15, 22 and 23, above described.  
 Thence I run,  
 East, on a random line, bet. secs. 14 and 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.99 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 13, 14, 23 and 24.  
 Thence I run,  
 N.  $89^{\circ}58'W.$ , on a true line, bet. secs. 14 and 23.  
 Over level land.

## Subdivision of Township 5 South, Range 15 West. 9.

## Chains.

- 8.99 Old road brs.N and S.  
 17.49 Old road brs.NW and SE.  
 39.99<sup>5</sup> Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 14 on N.half; and  
 S 23, 1913 on S.half;  
 dig pits 18x18x12 ins., E and W of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.high, N.of cor.  
 67.99 Wash, 100 lks.wide, 2 ft.banks, course S.10°W.  
 79.99 Cor of secs.14,15,22 and 23.  
 Land,level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

- S.0° 01' E., on a true line, bet. secs.22 and 23.  
 Over level land.  
 5.90 Old road brs.NW. and SE.  
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 22 on W.half;  
 S 23 on E.half; and  
 1913 on S.half;  
 dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist, and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, west of cor.  
 44.00 Wash, 50 lks.wide, 3 ft. banks, course SW.  
 80.00 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 brass cap, marked  
 T 5 S S 22 in NW.,  
 R 15 W S 23 in NE.,  
 S 26 in SE., and  
 S 27 in SW.quadrants;  
 1913 on S.half;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor.  
 Land,level.  
 Soil, 2nd rate, volcanic ash. Gravel surface.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

- East, on a random line, bet.secs.23 and 26.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 80.00 Intersect N and S. line, 3 lks. N.of cor.of secs. 23,24, 25 and 26.  
 Thence I run,  
 N.89°59'W., on a true line, bet. secs.23 and 26.  
 Over level land.  
 18.00 Old road brs.N and S.  
 22.00 Wash, 100 lks.wide, 1 ft. banks, course S.10°W.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor.,with brass cap, marked  
 $\frac{1}{4}$  S 23 on N.half; and  
 S 26 1913 on S.half; from which, one tree in limits,  
 An ironwood 12 ins. in diam., bears N.42 $\frac{1}{4}$ °W., 21 lks.dist., marked  $\frac{1}{4}$  S 23 B T.  
 Dig pits, 18x18x12 ins. E and W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.of cor.

## BOOK 2700

## 10. Subdivision of Township 5 South, Range 15 West.

Chains.

64.00 Wash, 50 lks.wide, 3 ft.banks, course south.  
 80.00 Cor.of secs.22,23,26 and 27.  
 Land,level.  
 Soil, 2nd rate, volcanic ash; gravel surface.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.  
 August 6, 1913.

August 8, 1913:

At 9h.0m. a.m., l.m.t., I set off  $32^{\circ} 58'$  N.on the lat.  
 arc; and  $16^{\circ} 12\frac{1}{2}'$  N. on decl.arc, and determine a meri-  
 dian with the solar at the cor.of secs.22,23,26 and 27.

Thence I run,

S.  $0^{\circ} 01'$  E., on a true line, bet. secs.26 and 27.

Over level land.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked,  
 $\frac{1}{4}$  S 27 on W.half;  
 S 26 on E.half; and  
 1913 on S.half; from which one tree in  
 limits;

An ironwood, 10 ins. in diam., brs.N. $34\frac{1}{2}^{\circ}$ E., 190  
 lks.dist., marked  $\frac{1}{4}$  S 26 B T.

Dig pits 18x18x12 ins. N.and S.of cor., 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W of cor.

53.00 Wash, 100 lks.wide, course SE.

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  
 brass cap, marked.

T 5 S S 27 in NW.,

R 15 W S 26 in NE.,

S 35 in SE., and

S 34 in SW, quadrants;

1913 on S.half; from which, one tree with-

in limits:

A palo verde, 10 ins. in diam., bears S. $86^{\circ}$ W., 274  
 lks.dist., marked T 5 S R 15 W S 34 B T.

Dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft.base, 2 ft.high, W.of cor.

Land,level.

Soil, 2nd rate, volcanic ash; gravel surface.

Timber, scattering pale verde and ironwood.

Scattering greasewood brush.

40.00 East, on a random line, bet. secs.26 and 35.

Set temp. $\frac{1}{4}$  sec.cor.79.99 Intersect N.and S.line, 3 links south of cor.of secs.25,  
26,35 and 36.

Thence I run,

S. $89^{\circ} 59'$ W., on a true line, bet. secs.26 and 35.

25.99 Old road brs. N.and S.

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

S 35, 1913 on S half;

dig pits 18x18x12 ins., E.and W.of cor., 3 ft. dist.,  
 and raise a mound of earth,  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$  ft. high,  
 N.of cor.

62.99 Wash, 75 lks.wide, 3 ft.banks, course S. $10^{\circ}$  E.

79.99 Cor.of secs.26,27, 34 and 35.

Land,level.

Soil, 2nd rate, volcanic ash.

Scattering pale verde and ironwood. Scattering greasewood.

Chains.

40.00 S. 0°01' E., on a true line, bet. secs. 34 and 35.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 34 on W. half;  
S 35 on E. half; and  
1913 on S. half;  
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

83.14 Intersect south bdy. of the Tp. (1st. Standard Parallel South) 60 lks. N. 89° 51' E. of old standard cor. of secs. 34 and 35, which has been changed to A.P. by W.H. Thorn, U.S. Surveyor, as described in Book "C."  
At point of intersection, I set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C C of secs. 34 and 35, with brass cap, marked  
T 5 S S 34 in NW., and  
R 15 W S 35 in NE. quadrants;  
C C near center on N., and  
1913 on S. half;  
dig pits 24x18x12 ins. crosswise on each line, E. and W. of cor., 3 ft. dist., and N. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Scattering pale verde, ironwood, greasewood brush.  
August 8, 1913.

August 7, 1913. At 8h. Om. a.m., l.m.t., at the cor. of secs. 3, 4, 33 and 34, on the north bdy. of the Tp., established by me, as described in Book "A," I set off 33° 01 $\frac{1}{2}$ ' N. on lat. arc, and 16° 30' N. on decl. arc, and determine a meridian with the solar.

Thence I run,  
2.00 S. 0°02' E., on a true line, bet. secs. 3 and 4.  
30.00 Phoenix and Yuma auto road bears N. 60° W. and S. 60° E.  
40.00 Wash, 500 lks. wide, course SW.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 $\frac{1}{4}$  S 4 on W. half;  
S 3 on E. half; and  
1913 on S. half; from which,  
A palo verde, 8 ins. in diam., bears S. 41 $\frac{1}{2}$ ° W., 68 lks. dist., marked  $\frac{1}{4}$  S 4 B T.  
A palo verde, 10 ins. in diam., brs. N. 82 $\frac{3}{4}$ ° E., 402 lks. dist., marked  $\frac{1}{4}$  S 3 B T.

57.50 Wash, 25 lks. wide, course SW., 3 ft. banks.  
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 brass cap, marked,  
T 5 S S 4 in NW.,  
R 15 W S 3 in NE.,  
S 10 in SE., and  
S 9 in SW. quadrants;  
1913 on S. half;  
dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist., and raise a mound 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, volcanic ash, 2nd rate; gravel surface.  
Timber, scattering pale verde and ironwood.  
Scattering greasewood brush.

40.00 East, on a random line, bet. secs. 3 and 10.  
Set temp.  $\frac{1}{4}$  sec. cor.

## BOOK 2700

12. Subdivision of Township 5 South, Range 15 West.

Chains.

- 80.00 Intersect N. and S. line, 7 links south of cor. of secs. 2, 3, 10 and 11.  
Thence I run,  
S.  $89^{\circ}57'$  W., on a true line, bet. secs. 3 and 10.
- 28.00 Wash, 100 lks. wide, 3 ft. banks, course S.  $10^{\circ}$  W.
- 32.00 Wash, 100 lks. wide, 3 ft. banks, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 3 on N. half; and  
S 10, 1913 on S. half; from which,  
An ironwood, 8 ins. in diam., brs. N.  $32\frac{1}{2}^{\circ}$  W., 93 lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
A palo verde, 8 ins. in diam., brs. S.  $76\frac{1}{2}^{\circ}$  W., 210 lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- 48.00 Wash, 50 lks. wide, 3 ft. banks, course S.  $30^{\circ}$  W.
- 80.00 Cor. of secs. 3, 4, 9 and 10.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering pale verde and ironwood.  
Scattering greasewood brush.  
At this corner, I set off  $16^{\circ}27'$  N. on the decl. arc, and at 12h. 6m., l.m.t., I observe the sun on the meridian; the resulting latitude is  $33^{\circ}01'$  N.  
August 7, 1913.

- August 9, 1913:  
At 8h. 0m. a.m., l.m.t., I set off  $33^{\circ}01'$  N. on the lat. arc; and  $15^{\circ}56'$  N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 9 and 10.  
Thence I run,  
S.  $9^{\circ}2'$  E., on a true line, bet. secs. 9 and 10.
- 30.00 Wash, 100 lks. wide, 3 ft. banks, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 9 on W. half;  
S 10 on E. half; and  
1913 on S. half;  
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of corner.
- 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 brass cap, marked  
T 5 S S 9 in NW.,  
R 15 W S 10 in NE.,  
S 15 in SE., and  
S 16 in SW. quadrants;  
1913 on S. half;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, pale verde and ironwood.  
Scattering greasewood along washes.

- 40.00 East, on a random line, bet. secs. 10 and 15.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 79.99 Intersect cor. of secs. 10, 11, 14 and 15.  
Thence I run,  
West, on a true line, bet. secs. 10 and 15.  
Over level land.
- 3.99 Wash, 50 lks. wide, 4 ft. banks, course SW.
- 39.995 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  $\frac{1}{4}$  S 10 on N. half, and

Chains.

S 15, 1913 on S. half;  
 dig pits, 18x18x12 ins., E. and W. of cor. 3 ft. dist.,  
 and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
 N. of cor.  
 73.99 Wash, 150 lks. wide, 2 ft. banks, course S. 10° W.  
 79.99 Cor. of secs. 9, 10, 15 and 16.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

S. 9° 02' E., on a true line, bet. secs. 15 and 16.  
 6.00 Old road brs. NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for 1/4 sec. cor., with brass cap, marked  
 1/4 S 16 on W. half;  
 S 15 on E. half; and  
 1913 on S. half;  
 dig pits, 18x18x12 ins., N. and S. of cor. 3 ft. dist.,  
 and raise a mound of earth 3 1/2 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. 15, 16, 21 and 22, with brass  
 cap, marked  
 T 5 S S 16 in NW.,  
 R 15 W S 15 in NE.,  
 S 22 in SE., and  
 S 21 in SW. quadrants;  
 1913 in S. half;  
 dig pits 18x18x12 ins. in each sec; 5 1/2 ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, volcanic ash.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush,

East, on a random line, bet. secs. 15 and 22.  
 Aug. 9. At the cor. of secs. 15, 16, 21 and 22 above described  
 I set off 15° 53' N. on decl. arc, and at 12h. 5m. l.m.t.,  
 I observe the sun on the meridian; the resulting lat.  
 is 32° 59' N.  
 Thence I run,  
 East, on a random line, bet. secs 15 and 22.  
 40.00 Set temp. 1/4 sec. cor.  
 79.96 Intersect N. and S. line, 3 links N. of cor. of secs. 14, 15,  
 22 and 23.  
 Thence I run,  
 N. 89° 59' W., on a true line, bet. secs 15 and 22.  
 6.46 Old road, brs. NW. and SE.  
 39.98 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for 1/4 sec. cor., with brass cap, marked  
 1/4 S 15 on N. half; and  
 S 22, 1913 on S. half;  
 dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,  
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.  
 of cor.  
 43.96 Wash, 100 lks. wide, course S. 10° W.  
 71.96 Old road brs. N. and S.  
 78.96 Wash, 150 lks. wide, course S. 10° E.  
 79.96 Cor. of secs. 15, 16, 21 and 22.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering pale verde and ironwood.  
 Scattering greasewood brush.

## BOOK 2700

14. Subdivision of Township 5 South, Range 15 West.

Chains,

S.  $0^{\circ}02'$  E., on a true line, bet. secs. 21 and 22.  
 37.00 Wash, 50 lks. wide, 3 ft. banks, course S.  $10^{\circ}$  E.  
 40.00 Set an iron post  $\frac{3}{4}$  ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 21 on W. half;  
 S 22 on E. half; and  
 1913 on S. half; from which,  
 A palo verde, 12 ins. in diam., bears N.  $17\frac{1}{2}^{\circ}$  W.,  
 245 lks. dist., marked  $\frac{1}{4}$  S 21 BT.  
 A palo verde, 15 ins. in diam., bears S.  $69^{\circ}$  E.,  
 100 lks. dist., marked  $\frac{1}{4}$  S 22 B T.  
 80.00 Set an iron post  $\frac{3}{4}$  ft. long, 2 ins. in diam., 24 ins. in  
 the ground, for cor. of secs. 21, 22, 27 and 28, with  
 brass cap, marked,  
 T 5 S S 21 in NW.,  
 R 15 W S 22 in NE.,  
 S 27 in SE., and  
 S 28 in SW. quadrants;  
 1913 on S. half;  
 dig pits, 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,  
 and raise a mound of earth 4 ft. base, 2 ft. high, W. of  
 cor.  
 Land, level.  
 Soil, 2nd rate, volcanic ash.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

East, on a random line, bet. secs. 22 and 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.93 Intersect N. and S. line, 4 lks. S. of cor. of secs. 22, 23,  
 26 and 27.  
 Thence I run,  
 S.  $89^{\circ}58'$  W., on a true line, bet. secs. 22 and 27.  
 Over level land.  
 38.93 Old road brs. N.  $10^{\circ}$  W. and S.  $10^{\circ}$  E.  
 39.965 Set an iron post  $\frac{3}{4}$  ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 22 on N. half, and  
 S 27, 1913 on S. half;  
 dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high.  
 N. of cor.  
 46.93 Wash, 75 lks. wide, 3 ft. banks, course south.  
 62.93 Wash, 250 links wide, course south.  
 79.93 Cor. of secs. 21, 22, 27 and 28.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

August 9, 1913.

August 12, 1913.  
 S.  $0^{\circ}02'$  E., on a true line, bet. secs. 27 and 28.  
 28.00 Wash, 100 lks. wide, 8 ft. banks, course SE.  
 40.00 Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 28 on W. half;  
 S 27 on E. half; and  
 1913 on S. half;  
 dig pits, 18x18x12 ins., N. and S. of cor.  $\frac{3}{4}$  ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.  
 Aug. 12: At this corner, I set off  $15^{\circ} 0'$  N. on decl. arc;  
 and at 12h. 05m., l.m.t., I observe the sun on the  
 meridian; the resulting lat. is  $32^{\circ} 58'$  N.



Subdivision of Township 5 South, Range 15 West. 15.

Chains.

80.00 Thence I continue, S.0° 02' E., on a true line.  
 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 brass cap, marked  
 T 5 S S 28 in NW.,  
 R 15 W S 27 in NE.,  
 S 34 in SE., and  
 S 33 in SW. quadrants;  
 1913 on S.half;  
 dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft.high,W.of cor.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

40.00 East, on a random line, bet. secs.27 and 34.  
 Set temp. 1/4 sec.cor.  
 79.87 Intersect N.and S. line, 6 lks.N.of cor.of secs.26,27, 34 and 35.  
 Thence I run,  
 N.89°57'W., on a true line, bet. secs.27 and 34.  
 39.935 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor.,with brass cap,marked  
 1/4 S 27 on N.half; and  
 S 34, 1913 on S.half;  
 dig pits 18x18x12 ins., E and W.of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.of cor.  
 54.87 Wash, 200 lks.wide, course SE.  
 79.87 Cor.of secs.27,28,33 and 34.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

27.00 S.0°02'E., on a true line, bet. secs.33 and 34.  
 40.00 Wash, 300 lks.wide, 5 ft.banks, course S.10°E.  
 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., with brass cap,marked  
 1/4 S 33 on W.half;  
 S 34 on E.half, and  
 1913 on S.half; from which,  
 A palo verde, 8 ins. in diam., bears N.33°W., 192 lks.dist., marked 1/4 S 33 B T.  
 A palo verde, 8 ins. in diam., brs.N.53 3/4°E., 115 lks.dist., marked 1/4 S 34 B T.  
 49.00 Wash, 50 lks.wide, 5 ft.banks, course SE.  
 83.67 Intersect south bdy,of the Tp. (1st.Standard Parallel South) 106 lks.N.89° 39'E.of old standard cor.of secs. 33 and 34, which has been changed to A.P. by W.H.Thorn, U.S. Surveyor, as described in Book "C."  
 At point of intersection, I set iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for C C of secs.33 and 34, with brass cap, marked,  
 T 5 S S 33 on NW.quadrant; and  
 R 15 W S 34 in NE. quadrants;  
 C C near center on N.half; and  
 1913 on S.half;  
 dig pits 24x18x12 ins. crosswise on each line E and W of cor. 3 ft. dist., and N.of cor. 7 ft.dist., and raise a mound of earth 4 ft.base, 2 ft. high,N.of cor.

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16. Subdivision of Township 5 South, Range 15 West.

Chains.

Land, level.  
Soil, volcanic ash, 2nd rate.  
Scattering greasewood brush.

Aug. 12, 1913.

August 11, 1913.

At 8h. Om. a.m., 1.m.t., I set off  $33^{\circ} 01\frac{1}{2}'$  N. on the lat. arc; and  $15^{\circ} 21'$  N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 4, 5, 32 and 33, on the north bdy. of the Tp., as established by me, as described in Book "A."

Thence I run,  
S.  $0^{\circ} 02'$  E., on a true line, bet. secs. 4 and 5.  
Over level land.

40.00 Set an iron post  $3\frac{3}{4}$  ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 5 on W. half;  
S 4 on E. half, and  
1913 on S. half;

dig pits  $18 \times 18 \times 12$  ins., N. and S. of cor.  $3\frac{1}{2}$  ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

56.00 Wash, 150 lks. wide, brs. S.  $15^{\circ}$  E.

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 brass cap, marked

T 5 S S 5 in NW.,  
R 15 W S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quadrants;  
1913 on S. half;

dig pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of corner; from which,

A palo verde, 12 ins. in diam., brs. S.  $35\frac{3}{4}^{\circ}$  W., 188 lks. dist., marked T 5 S R 15 W S 8 B T.

Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood.

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

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

79.96 Intersect N. and S. line, 2 links S. of cor. of secs. 3, 4, 9 and 10.

Thence I run,  
S.  $89^{\circ} 59'$  W. on a true line, bet. secs. 4 and 9.  
Over level land.

4.96 Wash, 50 lks. wide, 2 ft. banks, course SW.

39.98 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 $\frac{1}{4}$  S 4 on N. half; and  
S 9, 1913 on S. half; from which,

A palo verde, 7 ins. in diam., brs. N.  $13\frac{1}{2}^{\circ}$  E., 229 lks. dist., marked  $\frac{1}{4}$  S 4 B T.

An ironwood, 10 ins. in diam., brs. S.  $79\frac{3}{4}^{\circ}$  W., 122 lks. dist., marked  $\frac{1}{4}$  S 9 B T.

43.96 Wash, 150 lks. wide, course south.

68.96 Wash, 150 lks. wide, course SE.

79.96 Cor. of secs. 4, 5, 8 and 9.

Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

Subdivision of Township 5 South, Range 15 West, 17.

Chains.

S.0° 02' E., on a true line, bet. secs.8 and 9.  
 Over level land,  
 3.50 Old road brs.NW. and SE.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 8 on E.half;  
 S 9 on W.half; and  
 1913 on S.half;  
 dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W of cor.  
 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in  
 the ground for cor.of secs.8,9, 16 and 17, with  
 brass cap, marked,  
 T 5 S S 8 in NW.,  
 R 15 W S 9 in NE., and  
 S 16 in SE?, and  
 S 17 in SW.quadrants;  
 1913 on S.half;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist.,and  
 raise a mound of earth 4 ft.base, 2 ft.high,W.of cor.  
 Aug.11: At this corner, I set off 15°08'N.on the decl.  
 arc; and at 12h.5m. l.m.t., I observe the sun on  
 the meridian; the resulting lat.is 33°0'N.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Scattering pale verde and ironwood; scattering grease-  
 wood brush.

East, on a random line, bet. secs.9 and 16.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.  
 80.00 Intersect N and S. line, 4 links S.of cor.of secs. 9,10,  
 15 and 16.  
 Thence I run,  
 S.89°58'W., on a true line, bet. secs.9 and 16.  
 5.00 Old road brs.NW. and SE.  
 36.00 Main channel, 75 lks.wide, 5 ft.banks of wash, 500  
 lks.wide, course south.  
 40.00 Set an iron post 3ft.long, 1 in. in diam., 26 ins. in  
 the ground for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 9 on N.half; and  
 S 16, 1913 on S.half; from which,  
 A palo verde, 12 ins. in diam., bears N.24 $\frac{1}{2}$ °W.,  
 326 lks.dist., marked  $\frac{1}{4}$  S 9 B T.  
 A palo verde, 15 ins. in diam., bears S.34°W.,128  
 lks.dist., marked  $\frac{1}{4}$  S 16 B T.  
 80.00 Cor.of secs.8,9,16 and 17.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood; scattering  
 greasewood brush.

S.0° 02' E., on a true line, bet. secs.16 and 17.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor.,with brass cap,marked,  
 $\frac{1}{4}$  S 17 on W.half;  
 S 16 on E.half; and  
 1913 on S.half;  
 dig pits, 18x18x12 ins., N.and S.of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$  ft.high,W.  
 of cor.  
 45.00 Wash 600 links wide, 2 ft. banks, course S.10° E,  
 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  
 brass cap, marked,

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Chains.

- T 5 S S 17 in NW.,  
R 15 W S 16 in NE.,  
S 21 in SE., and  
S 20 in SW. quadrants;  
1913 on S-half;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.
- 
- 40.00 East, on a random line, bet. secs. 16 and 21.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line 4 links S. of cor. of secs. 15, 16,  
21 and 22.  
Thence I run,  
40.00 S.  $89^{\circ}58'$  W., on a true line, bet. secs. 16 and 21.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the  
the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 $\frac{1}{4}$  S 16 on N. half; and  
S 21, 1913 on S. half;  
dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of  
cor.  
71.00 Wash, 600 lks. wide, 2 ft. banks, course S.  $5^{\circ}$  E.  
80.00 Cor. of secs. 16, 17, 20 and 21.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.  
August 11, 1913.
- 
- August 12, 1913.  
At 8h. 0m. a.m., l.m.t., I set off  $32^{\circ}59'$  N. on the lat. arc,  
and  $15^{\circ}3\frac{1}{2}'$  N. on the decl. arc; and determine a meridian  
with the solar at the cor. of secs. 16, 17, 20 and 21.  
Thence I run,  
S.  $0^{\circ}02'$  E., on a true line, bet. secs. 20 and 21.  
Over level land.  
15.00 Wash, 75 lks. wide, 8 ft. banks, course SE.  
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked,  
 $\frac{1}{4}$  S 20 on W. half;  
S 21 on E. half; and  
1913 on S. half;  
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W.  
of cor.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground, for cor. of secs. 20, 21, 28 and 29, with  
brass cap, marked  
T 5 S S 20 in NW.,  
R 15 W S 21 in NE.,  
S 28 in SE., and  
S 29 in SW. quadrants;  
1913 on S. half;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

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Chains.

40.00 East, on a random line, bet. secs.21 and 28.  
 Set temp.  $\frac{1}{4}$  sec.cor.  
 79.99 Intersect N.and S.line, 2 lks.S.of cor.of secs.21, 22,27  
 and 28.  
 Thence I run,  
 S $89^{\circ}59'$ W., on a true line, bet. secs.21 and 28.  
 Over level land.  
 13.99 Wash,100 lks.wide, 5 ft.banks, course SE.  
 33.99 Wash, 500 lks.wide, 3 ft. banks, course S. $10^{\circ}$ E.  
 39.995 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor.,with brass cap,marked  
 $\frac{1}{4}$  S 21 on N.half; and  
 S 28, 1913 on S.half;  
 dig pits, 18x18x12 ins., E and W.of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N.of cor.  
 48.99 Old road brs.N. $10^{\circ}$ W. and S. $10^{\circ}$ E.  
 79.99 Cor.of secs.20,21,28 and 29.  
 Land,level.  
 Soil, volcanic ash; 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.  
 August 12, 1913.

August 15, 1913:  
 At 9h.0m. a.m.,l.m.t., I set off  $32^{\circ}58'$ N. on lat.arc;and  
 $14^{\circ}07\frac{1}{2}'$ N.on decl.arc, and determine a meridian with  
 the solar at the cor.of secs.20,21,28 and 29.  
 Thence I run,  
 S. $0^{\circ}02'$ E., on a true line, bet. secs.28 and 29.  
 39.00 Wash, 75 lks.wide, 2 ft.banks, course SE.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec.cor., with brass cap,marked  
 $\frac{1}{4}$  S 29 on W.half;  
 S 28 on E.half; and  
 1913 on S.half; from which,  
 A palo verde, 8 ins. in diam., brs.N. $30^{\circ}$ E., 48  
 lks.dist., marked  $\frac{1}{4}$  S 28 B T.  
 A palo verde, 15 ins. in diam., brs.N. $30^{\circ}$ W.,  
 215 lks.dist., marked  $\frac{1}{4}$  S 29 B T.  
 64.00 Telephone line to Mohawk and King mines, brs. SE. and NW.  
 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  
 brass cap, marked  
 T 5 S S 29 in NW.,  
 R 15 W S 28 in NE.,  
 S 33 in SE., and  
 S 32 in SW. quadrants;  
 1913 on S.half;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist.,  
 and raise a mound of earth 4 ft.base, 2 ft.high,W.of  
 corner.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

40.00 East, on a random line, bet. secs.28 and 33.  
 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.02 Intersect N.and S. line, 10 lks.south of cor.of secs.27,  
 28,33 and 34.  
 Thence I run,  
 S. $89^{\circ}56'$ W., on a true line, bet. secs.28 and 33.

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20. Subdivision of Township 5 South, Range 15 West.

Chains.

- 5.02 Wash, 75 lks.wide, 3 ft.banks, course S.5° E.  
 38.02 Wash, 100 lks.wide, 3 ft. banks, course S.5° E.  
 40.01 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  $\frac{1}{4}$  S 28 on N.half; and S 33, 1913 on S.half; from which,  
 An ironwood 30 ins. in diam., brs.N.2 $\frac{1}{2}$ °W., 223 lks.dist., marked  $\frac{1}{4}$  S 28 B T.  
 A palo verde, 10 ins. in diam., brs.S.48 $\frac{3}{4}$ °E., 267 lks.dist., marked  $\frac{1}{4}$  S 33 B T.
- 65.02 Telephone line to Mohawk and King Mine, brs.SE. and NW.  
 80.02 Cor.of secs.28,29,32 and 33.  
 Land,level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

August 15: At the cor.of secs.28,29,32 and 33, I set off 14° 05' N.on decl.arc, and at 12h.4m. l.m.t., observe the sun on the meridian; the resulting latitude is 32° 57 $\frac{1}{2}$ ' N.

- Thence I run,  
 S.0°02' E. on a true line, bet. secs.32 and 33.
- 2.00 Road to Mohawk and King Mine bears S'10°E. and N.10°W.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  $\frac{1}{4}$  S 32 on W.half, S 33 on E.half; and 1913 on S.half;  
 dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,W.of cor.
- 70.00 Wash,75 lks.wide, 8 ft. banks, course SE.  
 83.63 Intersect south bdy.of Tp., (1st.Standard Parallel South), 126 lks.N.89° 56'E. of old standard cor.of secs.32 and 33, which has been changed to A.P. by W.H.Thorn, U.S. Surveyor, as described in Book "C."  
 At point of intersection, I set iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for C C of secd. 32 and 33, with brass cap, marked,  
 T 5 S S 32 in NW. quadrant, and  
 R 15 W S 33 in NE. quadrant;  
 C C near center on N.half; and  
 1913 on S.half;  
 dig pits 24x18x12 ins. crosswise on each line, E.and W.of cor. 3 ft., and N.of cor. 7 ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high, N.of cor.  
 Land,level.  
 Soil, volcanic ash,2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

August 15, 1913.

August 13, 1913.

- At 8h.0m. a.m.,l.m.t., I set off 33° 01 $\frac{1}{2}$ ' N.on lat.arc; and 14°45' N.on decl.arc, and determine a meridian with the solar at the cor.of secs.5,6,31 and 32, on the N' bdy.of the Tp., established by me, as described in Book "A."
- Thence I run,  
 S.0°03' E., on a true line, bet. secs.5 and 6.
- 2.50 Old road brs.NW. and SE.  
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  $\frac{1}{4}$  S 6 on W.half;  
 S 5 on E.half; and  
 1913 on S.half; from which,

Subdivision of Township 5 South, Range 15 West, 21.

Chains.

80.00 A palo verde, 12 ins. in diam., brs.N.23°10' W.,  
282 lks.dist., marked  $\frac{1}{4}$  S 6 B T.  
An ironwood, 12 ins. in diam., brs.N.53°25'E.,  
86 lks.dist., marked  $\frac{1}{4}$  S 5 B T.  
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 brass  
cap, marked  
T 5 S S 6 in NW.,  
R 15 W S 5 in NE.,  
S 8 in SE., and  
S 7 in SW. quadrants;  
1913 on S-half;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,and  
raise a mound of earth  $\frac{3}{4}$  ft.base, 2 ft.high, W.of  
cor.  
Land,level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

40.00 East, on a random line, bet. secs.5 and 8.  
Set temp. $\frac{1}{4}$  sec.cor.  
80.06 Intersect N.and S. line, 4 links N.of cor.of secs.4,5,8  
and 9.  
Thence I run,  
N 89°58'W., on a true line, bet. secs.5 and 8.  
6.56 Old road brs.NW. and SE.  
40.03 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 5 on N.half, and  
S 8, 1913 on S-half;  
dig pits 18x18x12 ins. E and W.of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.  
69.06 Old road, brs.N.20°W. and S.20°E.  
80.06 Cor.of secs. 5,6,7 and 8.  
Land,level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

40.00 West, on a random line, bet. secs.6 and 7.  
Set temp. $\frac{1}{4}$  sec.cor.  
80.94 Intersect W.bdy.of Tp. 5 lks. N.of cor.of secs.1,6,7 and  
12, established by me, as described in Book "A."  
Thence I run,  
N.89°58'E., on a true line, bet. secs.6 and 7.  
18.94 Road to Mohawk and King Mine brs.SE. and NW.  
21.44 Telephone line to Mohawk and King Mines brs.SE. and NW.  
34.00 Wash, 100 lks.wide, 4 ft. banks, course south.  
40.94 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec.cor., with brass cap, marked  
 $\frac{1}{4}$  S 6 on N.half; and  
S 7 1913 on S-half;  
dig pits 18x18x12 ins., E and W of cor. 3 ft. dist.,  
and raise a mound of earth  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$  ft. high,  
N.of cor.  
74.44 Wash, 75 lks.wide, 2 ft.banks, course S.45° E.  
80.94 Cor.of secs.5,6,7 and 8.  
At this corner I set off 14° 42'N. on decl.arc, and  
at 12h.5m. l.m.t., I observe the sun on the meridian;  
the resulting latitude is 33° 01' N.  
Land,level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.

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22. Subdivision of Township 5 South, Range 15 West.

Chains

- S.0° 03' E., on a true line, bet. secs.7 and 8.  
Over level land.
- 10.00 Wash, 100 lks.wide, course SE.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor.,with brass cap,marked,  
 $\frac{1}{4}$  S 7 on W.half;  
S 8 on E.half; and  
1913 on S.half;  
dig pits 18x18x12 ins., N.and S.of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$  ft. high, W. of cor., from which one bearing tree only.  
A palo verde, 12 ins. in diam., bears N.70°E., 153 links dist., marked  $\frac{1}{4}$ S 8 B T.
- 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 brass cap,marked  
T 5 S S 7 in NW.,  
R 15 W S 8 in NE.,  
S 17 in SE., and  
S 18 in SW. quadrants;  
1913 on S.half;  
dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high, W'of cor.  
Land,level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.
- 
- East, on a random line, bet. secs. 8 and 17.
- 40.00 Set temp. $\frac{1}{4}$  sec.cor.
- 80.03 Intersect N.and S. line, 6 links N.of cor.of secs.8,9,16 and 17.  
Thence I run,  
N.89°57'W., on a true line, bet. secs.8 and 17.
- 40.015 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec.cor.,with brass cap,marked  
 $\frac{1}{4}$  S 8 on N.half; and  
S 17, 1913 on S.half;  
dig pits 18x18x12 ins., E'and W'of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.of cor.
- 49.00 Wash, 150 lks.wide, course SE.
- 80.03 Cor.of secs.7,8,17 and 18.  
Land,level.  
Soil, volcanic ash, 2nd rate.  
Timber, scattering palo verde and ironwood.  
Scattering greasewood brush.
- 
- West, on a random line, bet. secs.7 and 18.
- 40.00 Set temp. $\frac{1}{4}$  sec.cor.
- 81.05 Intersect west bdy.of Tp.,12 lks.N.of cor.of secs.7,12, 13 and 18, established by me, as described in Book "A."  
Thence I run,  
N.89°55'E., on a true line, bet. secs.7 and 18.
- 25.00 Wash,100 lks.wide, 5 ft.banks, course south.
- 31.00 Wash, 100 lks.wide, 5 ft.banks, course SE.
- 34.00 Wash, 100 lks.wide, 5 ft.banks, course S.15° E.
- 41.05 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec.cor.,with brass cap, marked,  
 $\frac{1}{4}$  S 7 on N.half; and  
S 18, 1913 on S.half;  
dig pits, 18x18x12 ins., E'and W'of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,N. of cor.
- 45.00 Road brs.NW' and SE.,Mohawk and King Mine.



Subdivision of Township 5 South, Range 15 West, 23.

Chains.

48.00 Telephone line to Mohawk and King Mine.  
 81.05 Cor. of secs. 7, 8, 17 and 18.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.  
 August 13, 1913.

August 14, 1913:  
 At 8h. 0m. a.m., l.m.t., I set off 33° N. on lat. arc; and 14° 27' N. on decl. arc, and determine a meridian with the solar, at the cor. of secs. 7, 8, 17 and 18.

Thence I run,  
 S. 0° 03' E., on a true line, bet. secs. 17 and 18.  
 Over level land.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 18 on W. half; S 17 on E. half, and 1913 on S. half;  
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

70.15 Old road brs. NW. and SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked,  
 T 5 S S 18 in NW.  
 R 15 W S 17 in NE,  
 S 20 in SE., and  
 S 19 in SW. quadrants;  
 1913 on S. half;  
 dig pits 18x18x12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

40.00 East, on a random line, bet. secs. 17 and 20.  
 80.06 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, 12 lks. N. of cor. of secs. 16, 17, 20 and 21.

Thence I run,  
 N. 89° 55' W., on a true line, bet. secs. 17 and 20.  
 30.00 Wash, 100 lks. wide, course SE.  
 40.03 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  $\frac{1}{4}$  S 17 on N. half, and S 20, 1913 on S. half;  
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

76.00 Old road, brs. NW. and SE.  
 80.06 Cor. of secs. 17, 18, 19 and 20.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

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24. Subdivision of Township 5 South, Range 15 West.

Chains.

- West, on a random line, bet. sees. 18 and 19.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 81.12 Intersect west bdy. of Tp., 12 lks. N. of cor. of sees. 13, 18, 19 and 24, established by me, as described in Book "A."
- Thence I run,  
 N.  $89^{\circ}55'$  E., on a true line, bet. sees. 18 and 19.  
 27.12 Wash, 125 lks. wide, 8 ft. banks, course S.  $15^{\circ}$  E.  
 41.12 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 18 on N. half; and  
 S 19, 1913 on S. half; from which,  
 A palo verde, 10 ins. in diam., bears N.  $72\frac{1}{4}^{\circ}$  W.,  
 349 lks. dist., marked  $\frac{1}{4}$  S 18 BT.  
 A palo verde, 12 ins. in diam., bears S.  $71\frac{1}{4}^{\circ}$  E.,  
 170 lks. dist., marked  $\frac{1}{4}$  S 19 B T.
- 62.12 Road from Mohawk to King Mine, bears NW. and SE.  
 63.12 Telephone line from Mohawk to King Mine, bears NW. and SE.  
 81.12 Cor. of sees. 17, 18, 19 and 20.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.  
 Aug. 14: At this corner, I set off  $14^{\circ}23'$  N. on decl. arc, and at 12h. 5m. l.m.t., I observe the sun on the meridian; the resulting latitude is  $32^{\circ}59'$  N.

- S.  $0^{\circ}03'$  E., on a true line, bet. sees. 19 and 20.  
 36.00 Telephone line from Mohawk to King Mine, bears NW. and SE.  
 39.90 Road from Mohawk to King Mine, bears NW. and SE.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 19 on W. half;  
 S 20 on E. half; and  
 1913 on S. half;  
 dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist.,  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of sees. 19, 20, 29 and 30, with brass cap, marked,  
 T 5 S S 19 in NW.,  
 R 15 W S 20 in NE.,  
 S 29 in SE., and  
 S 30 in SW. quadrants;  
 1913 on S. half;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

- East, on a random line, bet. sees. 20 and 29.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.05 Intersect N. and S. line, 13 lks. N. of cor. of sees. 20, 21, 28 and 29.  
 Thence I run,  
 N.  $89^{\circ}54'$  W., on a true line, bet. sees. 20 and 29.  
 38.05 Wash, 100 lks. wide, 1 ft. banks, course SE.  
 40.025 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 20 on N. half; and

Chains

S 29, 1913 on S. half;  
 dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,  
 and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,  
 N. of cor.

47.05 Telephone line from Mohawk to King Mine. bears NW. and SE.  
 50.55 Road from Mohawk to King Mine. bears NW. and SE.  
 80.05 Cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, volcanic ash, 2nd-rate.  
 Timber, scattering palo verde and ironwood.  
 Scattering greasewood brush.

August 14, 1913.

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August 16, 1913.  
 At 8h. 0m. a.m., l.m.t., I set off 32° 58' N. on the lat.  
 arc; and 13° 47' N. on decl. arc, and determine a meri-  
 dian with the solar at the cor. of secs. 19, 20, 29 and 30.

Thence I run,  
 West, on a random line, bet. secs. 19 and 30.  
 40.00 Set temp. 1/4 sec. cor.

81.15 Intersect west bdy. of Tp. at the cor. of secs. 19, 24, 25 and  
 30, established by me, as described in Book "A".  
 Thence I run,  
 East, on a true line, bet. secs. 19 and 30.

26.15 Wash, 75 lks. wide, 2 ft. banks, course SE.  
 41.15 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for 1/4 sec. cor., with brass cap, marked  
 1/4 S 19 on N. half; and  
 S 30, 1913 on S. half;  
 dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist.,  
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.  
 of cor.

46.65 Wash, 75 lks. wide, 5 ft. banks, course SE.  
 49.15 Wash, 100 lks. wide, 5 ft. banks, course SE.  
 81.15 Cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Scattering palo verde and ironwood; scattering grease-  
 wood brush.

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40.00 S. 0° 03' E., on a true line, bet. secs. 29 and 30.  
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for 1/4 sec. cor., with brass cap, marked  
 1/4 S 30 on W. half;  
 S 29 on E. half; and  
 1913 on S. half;  
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,  
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
 W. of corner; from which, one bearing tree,  
 A palo verde, 10 ins. in diam., bears S-31° W.,  
 175 lks. dist., marked 1/4 S 30 B T.

44.00 Wash, 100 lks. wide, 8 ft. banks, course from N. 15° W.  
 Wash turns and runs south a few feet east of line.

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  
 brass cap, marked,  
 T 5 S S 30 in NW.,  
 R 15 W S 29 in NE.,  
 S 32 in SE., and  
 S 31 in SW. quadrants;  
 1913 on S. half;  
 dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist.,  
 and raise a mound of earth 4 ft. base, 2 ft. high, W.  
 of cor.  
 From corner, the only bearing tree,

## BOOK 2700

26. Subdivision of Township 5 South, Range 15 West.

Chains.

	<p>A palo verde, 10 ins. in diam., bears S. <math>42\frac{1}{2}^{\circ}</math> E., 105 lks. dist., marked T 5 S R 15 W S 32 B T.</p> <p>Land, level. Soil, volcanic ash, 2nd rate. Timber, dense mesquite, palo verde and ironwood along washes. Greasewood brush.</p>
40.00	East, on a random line, bet. secs. 29 and 32.
80.05	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 16 lks. N. of cor. of secs. 28, 29, 32 and 33. Thence I run, N. $89^{\circ}53'$ W., on a true line, bet. secs. 29 and 32.
1.05	Road from Mohawk to King Mine. bears NW. and SE.
40.025	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 29 on N. half; and S 32, 1913 on S. half; dig pits 18x18x12 ins., E and W of cor. 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor. From corner, A palo verde, 10 ins. in diam., brs. S. $60\frac{1}{4}^{\circ}$ W., 100 lks. dist., marked $\frac{1}{4}$ S 32 B T.
79.55	Wash, 100 lks. wide, 5 ft. banks, course south.
80.05	Cor. of secs. 29, 30, 31 and 32. Land, level. Soil, volcanic ash, 2nd rate. Timber, scattering palo verde and ironwood. Scattering greasewood brush. Aug. 16: At this corner, I set off $13^{\circ}46'$ N. on decl. arc; and at 12h. 4m. l.m.t., I observe the sun on the meridian; the resulting latitude is $32^{\circ}57\frac{1}{2}'$ N.
40.00	West, on a random line, bet. secs. 30 and 31.
81.38	Set temp. $\frac{1}{4}$ sec. cor. Intersect west bdy of Tp., 7 links N. of cor. of secs. 25, 30, 31 and 36, established by me, as described in Book "A."
41.38	Thence I run, N. $89^{\circ}57'$ E. on a true line, bet. secs. 30 and 31. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 30 in N. half, and S 31, 1913 on S. half; from which, A palo verde, 6 ins. in diam., brs. N. $73\frac{1}{2}^{\circ}$ E., 142 lks. dist., marked $\frac{1}{4}$ S 30 B T. A palo verde, 10 ins. in diam., brs. S. $58\frac{1}{4}^{\circ}$ E., 281 lks. dist., marked $\frac{1}{4}$ S 31 B T.
51.38	Wash, 75 lks. wide, 5 ft. banks, course S. $5^{\circ}$ E.
60.38	Wash, 50 lks. wide, 5 ft. banks, course south.
81.38	Cor. of secs. 29, 30, 31 and 32. Land, level. Soil, volcanic ash, 2nd rate. Timber, scattering palo verde and ironwood. Scattering greasewood brush.
40.00	S. $0^{\circ}03'$ E., on a true line, bet. secs. 31 and 32.
39.70	Over level land, along west bank of wash, 100 lks. wide, 5 ft. banks, course South True point for $\frac{1}{4}$ sec. cor. falls in wash, course South. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for W C to $\frac{1}{4}$ sec. cor., with brass cap, marked,

Chains.

$\frac{1}{4}$  S 31 in W-half;  
 W C, S 32 on E-half;  
 1913 on S-half; from which,  
 A palo verde, 10 ins. in diam., brs.S.45°W., 56  
 lks.dist., marked W C  $\frac{1}{4}$  S 31 B T.  
 A palo verde, 8 ins. in diam., brs.S.40°E., 26  
 lks.dist., marked W C  $\frac{1}{4}$  S 32 B T.  
 45.00 Wash, turns SE.  
 80.00 Wash, 75.00 lks.wide, 5 ft.banks, course S.5°E.  
 83.85 Intersect south bdy.of the Tp., (1st, Standard Parallel  
 South) 129 lks.S.89° 51'E. of old standard cor.of secs.  
 31 and 32, which has been changed to A.P. by W.H.Thorn,  
 U.S.Surveyor, as described in Book "C."  
 At point of intersection, I set an iron post, 3 ft.long,  
 2 ins. in diam., 24 ins. in the ground, for C C of  
 secs.31 and 32, with brass cap, marked,  
 T 5 S S 31 in NW.quadrant; and  
 R 15 W S 32 in NE. quadrant;  
 C C above center on N-half; and  
 1913 on S-half; from which,  
 An ironwood, 8 ins. in diam., brs.N.58 $\frac{1}{2}$ °W., 155  
 lks.dist., marked C C T 5 S R 15 W S 31 B T.  
 An ironwood, 15 ins. in diam., bears N.22 $\frac{1}{2}$ °E.,  
 294 lks.dist., marked C C T 5 S R 15 W S 32  
 B T.  
 Land, level.  
 Soil, volcanic ash, 2nd rate.  
 Timber, scattering palo verde and ironwood, mesquite.  
 Scattering greasewood brush.

August 16, 1913.

GENERAL DESCRIPTION.

T. 5 S., R. 15 W.

This township is level, except where the point of a  
 rocky hill projects across the north boundary into  
 section 3. The soil is nearly all sand, with loam  
 mixture, with a subsoil containing more loam than  
 surface soil. In some places, alkali is noticeable.  
 Ironwood and palo verde grow along all of the washes  
 in abundance, but are scattering elsewhere.  
 Greasewood brush is prevalent throughout the entire town-  
 ship.  
 There are no springs or tanks of any kind in this town-  
 ship.  
 A little native grass grows along the edges of the washes,  
 which makes cattle grazing of a poor sort possible  
 for a short time each year.  
 There are not any settlers within the boundaries of this  
 township.  
 Note: At every set up, a meridian was determined with  
 the solar.

*H. J. Dieruff.*  
 U. S. Transitman.

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BOOK 2700 BOOK 2700

For FINAL OATH OF UNITED STATES SURVEYOR AND  
TRANSITMAN

see book "L" (subdivision of T. 5 S. R. 13 W.)

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,  
*Phoenix Arizona* DECEMBER 1, 1914

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

*the Subdivision lines of  
Township N° 5 South, Range N° 15 West  
of the Gila and Salt River Base and Meridian  
in the State of Arizona*

executed by *W.K. KIERULFF, U.S. Transitman*  
under ~~his~~ special instructions dated *February 26, 1913 for Group 28*, 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 P. Ingalls*  
U. S. Surveyor General.  
of Arizona.

~~I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.~~