

2815
4-679

Book "Y" BOOK 2815

JUN 30 1914

Subdivisions
FIELD NOTES

OF THE SURVEY OF
PART OF THE

SUBDIVISION LINES OF

TOWNSHIP 4 SOUTH RANGE 9 WEST

2815

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

JOHN F. HESSE

In the capacity of U. S. Surveyor, under instructions dated February 10, 1914, issued by the United States Surveyor General to govern surveys included in Group No. 32, which were approved by the Commissioner of the General Land Office, February 20, 1914, pursuant to authority contained in the Act of Congress dated June 23, 1913 and August 1, 1914.

Survey commenced June 27, 1914

Survey completed July 5, 1914

138
1A

Book "Y"

BOOK 2815

INDEX DIAGRAM.

Township 4 South, Range 9 West

6	14	5	10	4	5	3	3	2	1	1
15		14		10		5		3		1
7	15	8	10	9	5	10	3	11	1	12
16		16		11		6		4		2
18	16	17	11	16	6	15	4	14	2	13
17		17		12						
19	17	20	12	21	7	22		23		24
18		18		12						
30	19	29	13	28	7	27		26		25
19		19		13		9		8		8
31	20	32	13	33	7	34	9	35	8	36

15c

15c

6-151

- Notes in Book "A" this Group
- " " " "B" " "
- " " " "D" " "
- Surveyed
- Unsurveyed

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains

Survey commenced June 27, 1914 and executed by John F. Hesse, U.S. Surveyor, under instructions for Group 32 Arizona, using a Young and Son's light mountain transit No. 8588, described in book "A"...

At 7h. 00m. a.m., l.m.t., I set off 33° 07' N. on the lat. arc; 23° 22½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., estab. by me as described in book "B"

Thence I run

S. 0° 01' E. bet. secs. 1 and 2.

Over rolling land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S2 in W. S1 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base 1½ ft. high, W. of cor. Pits impracticable.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked on brass cap

T4SR9W in N. and 1914 in S. half;

S2 in N. W.

S1 in N. E.

S12 in S. E. and

S11 in S. W. quadrant; from which

A paloverde 12 ins. diam., bears N. 39¼° W. 125 lks. dist., marked T4SR9WS2BT.

A paloverde 8 ins. diam., bears N. 40½° E. 130 lks. dist., marked T4SR9WS1BT.

A paloverde 14 ins. diam., bears S. 60¾° E. 124 lks. dist., marked T4SR9WS12BT.

A paloverde 10 ins. diam., bears S. 68½° W. 40 lks. dist., marked T4SR9WS11BT.

Land, rolling,

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, ironwood and paloverde.

East on a random line bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect E. bdy. of Tp. 5 lks. S. of the cor. of secs. 1 and 12, estab. by me as described in book "B"

Thence I run

S. 89° 58' W. on a true line bet. secs. 1 and 12.

Over rolling land, through dense brush.

28.50 Cross wash 15 lks. wide course S. W.

40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S1 in N. and S12 1914 in S. half; and raise a mound of stone 2 ft. base 1½ ft. high, N. of cor. Pits impracticable.

80.02 The cor. of secs. 1, 2, 11 and 12.

Land, rolling.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, ironwood and paloverde.

Note: June 27: At this cor. I set off 23° 21' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 06' N.

S. 0° 01' E. bet. secs. 11 and 12.

Over rolling land, through dense brush.

o.30 Cross wash 15 lks. wide course S. E. leave brush, ascend.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
14.00	Ridge bears N. W. and S. E. descend.
29.00	Over rolling land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S11 in W. S12 in E. and 1914 in S. half; from which A paloverde 12 ins. diam., bears S. 7° E. 265 lks. dist., marked $\frac{1}{4}$ S12BT. A paloverde 8 ins. diam., bears S. 63° W. 240 lks. dist., marked $\frac{1}{4}$ S11BT.
75.00	Cross road bears N. W. and S. E.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on brass cap T4SR9W in N. and 1914 in S. half; S11 in N. W. S12 in N. E. S13 in S. E. and S14 in S. W. quadrant; from which A mesquite 8 ins. diam., bears N. 50° W. 250 lks. dist., marked T4SR9WS11BT. A mesquite 4 ins. diam., bears N. $41\frac{3}{4}^{\circ}$ E. 254 lks. dist., marked T4SR9WS12BT. A paloverde 6 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ E. 208 lks. dist., marked T4SR9WS13BT. A paloverde 12 ins. diam., bears S. $17\frac{3}{4}^{\circ}$ W. 158 lks. dist., marked T4SR9WS14BT.
	Land, rolling and mountainous. Soil, N. 41.00 chs. rocky; 4th. rate. S. 39.00 chs. rich sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, mesquite, paloverde.
	—————
	N. $89^{\circ} 58'$ E. on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect E. bdy. of Tp. 5 lks. N. of the cor. of secs. 12 and 13., estab. by me as described in book "B" Thence I run West on a true line bet. secs. 12 and 13. Over rolling land, through dense brush.
10.00	Cross wash 15 lks. wide course S.
21.50	Cross road bears N. W. and S. E.
37.00	Cross wash 50 lks. wide course S. E.
39.99	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S12 in N. and S13 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
79.98	The cor. of secs. 11, 12, 13 and 14. Land, rolling. Soil, 0 to 43.00 chs. rocky; 4th. rate. 43.00 to 79.98 chs. rich sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, paloverde and mesquite.
	—————
	S. $0^{\circ} 01'$ E. bet. secs. 13 and 14. Over rolling land, through dense brush.
19.60	Cross wash 12 lks. wide course E.
30.00	Ascend rough N. slope. Leave brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S14 in W. S13 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Note: The line S. from this cor. runs over rough, rocky land, barren and of no value, therefore I discontinue my line at this cor. Land, rolling and mountainous.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains

Soil, 0 to 19.60 chs. sandy loam, dry, medium texture; 1st. rate. 19.60 to 40.00 chs. rocky; 4th. rate.
No timber.
Undergrowth, greasewood, paloverde and mesquite.

June 27, 1914.

1914

June 29: At 8h. 00m. a.m., l.m.t., I set off $33^{\circ} 07' N.$ on the lat. arc; $23^{\circ} 16\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp., estab. by me as described

Thence I run (in book "B")

S. $0^{\circ} 01' E.$ bet. secs. 2 and 3.
Over rolling land, through dense brush.
4.80 Cross wash 10 lks. wide course E. leave brush and ascend.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in W. S2 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
45.00 Ridge bears N. W. and S. E. descend.
61.50 Cross wash 20 lks. wide course S. E. ascend.
72.00 Ridge bears N. W. and S. E. descend.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap
T4SR9W in N. and
1914 in S. half;
S3 in N. W.
S2 in N. E.
S11 in S. E. and
S10 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land, rolling and mountainous.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood, paloverde.

East on a random line bet. secs. 2 and 11.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. and S. line 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.
Thence I run
S. $89^{\circ} 58' W.$ on a true line bet. secs. 2 and 11.
Over rolling land, through dense brush.
2.00 Cross wash 15 lks. wide course S. E. leave brush, ascend.
36.00 Ridge bears N. W. and S. E. descend.
40.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S2 in N. and S11 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
80.04 The cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood and paloverde.
Note: June 29: At this cor. I set off $23^{\circ} 15\frac{1}{2}' N.$ on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 06' N.$

S. $0^{\circ} 01' E.$ bet. secs. 10 and 11.
Descending.
5.00 Cross wash 15 lks. wide course S. W. ascend.
13.50 Ridge bears E. and W. descend.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
20.25	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S10 in W. S11 in E. and 1914 in S. half; from which A paloverde 4 ins. diam., bears S. $54\frac{1}{2}^{\circ}$ E. 271 lks. dist., marked $\frac{1}{4}$ S11BT. A paloverde 6 ins. diam., bears S. $3\frac{1}{4}^{\circ}$ W. 172 lks. dist., marked $\frac{1}{4}$ S10BT.
71.10	Cross road bears E. and W.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap T4SR9W in N. and 1914 in S. half; S10 in N. W. S11 in N. E. S14 in S. E. and S15 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Land, mountainous and level. Soil, 0 to 20.25 chs. rocky; 4th. rate. 20.25 to 80.00 chs. sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood and paloverde.
	—————
	N. $89^{\circ} 58'$ E. 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 2 lks. N. of the cor. of secs. 11, 12, 13 and 14. Thence I run S. $89^{\circ} 59'$ W. on a true line bet. secs. 11 and 14.
	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S11 in N. and S14 1914 in S. half; from which A paloverde 6 ins. diam., bears N. 60° E. 119 lks. dist., marked $\frac{1}{4}$ S11BT. A paloverde 5 ins. diam., bears S. 82° E. 77 lks. dist., marked $\frac{1}{4}$ S14BT.
80.00	The cor. of secs. 10, 11, 14 and 15. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, paloverde and mesquite.
	—————
	S. $0^{\circ} 01'$ E. bet. secs. 14 and 15.
	Over level land, through dense brush.
38.50	Ascend steep N. slope. Leave brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S15 in W. S14 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and mountainous. Soil, 0 to 38.50 chs. sandy loam, dry, medium texture; 1st. rate. 38.50 to 40.00 chs. volcanic rock; 4th. rate. No timber. Undergrowth, greasewood mesquite and paloverde. Note: The line S. from this cor. runs over rough rocky land, barren and of no value, therefore I discontinue my line at this cor.
	—————

Partial. Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

From the cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp., estab. by me as described in book "B"

Thence I run
 S. $0^{\circ} 02'$ E. bet. secs. 3 and 4.
 Ascending rough N. E. slope.
 19.00 Ridge bears N. W. and S. E. descend.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in W. S3 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 70.00 Over level land, through dense brush.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap
 T4SR9W in N. and
 1914 in S. half;
 S4 in N. W.
 S3 in N. E.
 S10 in S. E. and
 S9 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, mountainous and level.
 Soil, N. 70.00 chs. rocky; 4th. rate. S. 10 chs. sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, paloverde and mesquite.

East on a random line bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence I run
 N. $89^{\circ} 58'$ W. on a true line bet. secs. 3 and 10.
 Descending along rough S. W. slope.
 27.00 Bottom of slope ascend over spur.
 38.00 Top of spur N. and S. descend along S. W. slope.
 40.03 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in N. and S10 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 60.00 Over level land, through dense brush.
 80.06 The cor. of secs. 3, 4, 9 and 10.
 Land, level and mountainous.
 Soil, 0 to 60.00 chs. rocky; 4th. rate. 60.00 to 80.06 chs. sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, mesquite.

June 29, 1914.

1914
 June 30: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 06'$ N. on the lat. arc; $23^{\circ} 14'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 9 and 10.

Thence I run
 S. $0^{\circ} 02'$ E. bet. secs. 9 and 10.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S9 in W. S10 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 64.50 Cross road bears N. E. and S. W.
 65.00 Ascend N. E. slope.
 77.50 Ridge bears E. and W. descend.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
80.00	<p>Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap T4SR9W in N. and 1914 in S. half; S9 in N. W. S10 in N. E. S15 in S. E. and S16 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level and mountainous. Soil, 0 to 65.00 chs. sandy loam, dry, medium texture; 1st. rate. 65.00 to 80.00 chs. rocky; 4th. rate. No timber. Undergrowth, greasewood, paloverde and mesquite.</p>
40.00	<p>S. $89^{\circ} 58'$ E. on a random line bet. secs. 10 and 15. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.04	<p>Intersect N. and S. line 5 lks. S. of the cor. of secs. 10, 11, 14 and 15, Thence I run West on a true line bet. secs. 10 and 15. Over level land, through dense brush.</p>
39.50	<p>Ascend rough N. E. slope. leave brush.</p>
40.02	<p>Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$S10 in N. and S15 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.</p>
73.00	<p>Ridge bears N. W. and S. E. descend.</p>
80.04	<p>The cor. of secs. 9, 10, 15 and 16. Land, level and mountainous. Soil, 0 to 39.50 chs. sandy loam, dry, medium texture; 1st. rate. 39.50 to 80.04 chs. rocky; 4th. rate. No timber. Undergrowth, greasewood, mesquite and paloverde.</p>
5.10	<p>S. $0^{\circ} 02'$ E. bet. secs. 15 and 16. Descend. Ascend Rough N. slope.</p>
34.50	<p>Ridge bears E. and W. descend.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$S16 in W. S15 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p>
53.00	<p>Cross wash 30 lks. wide course W. ascend.</p>
76.50	<p>Ridge bears N. W. and S. E. descend.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap T4SR9W in N. and 1914 in S. half; S16 in N. W. S15 in N. E. S22 in S. E. and S21 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th. rate. No timber.</p>
Note:	<p>June 30: At this cor. I set off $23^{\circ} 12\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 04\frac{1}{2}'$ N.</p>

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
	S. 0° 02' E. bet. secs. 21 and 22. Descending.
8.10	Cross wash 20 lks. wide course N. W. ascend.
15.00	Ridge bears N. W. and S. E. descend.
40.00	Set an iron post 3 ft. long, 1 in. diam.; 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S21 in W. S22 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
61.50	Over rolling land.
76.50	Cross wash 15 lks. wide course S. W.
80.00	Set an iron post 3 ft. long, 2 in. diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap T4SR9W in N. and 1914 in S. half; S21 in N. W. S22 in N. E. S27 in S. E. and S28 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Land, mountainous. Soil, rocky; 4th. rate. No timber.
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	S. 0° 02' E. bet. secs. 27 and 28. Over rolling land.
3.20	Cross wash 25 lks. wide course W. ascend.
13.00	Ridge bears E. and W. descend.
25.10	Cross wash 15 lks. wide course W. ascend.
35.00	Ridge bears E. and W. descend.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in W. S27 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
43.50	Cross wash 20 lks. wide course S. W. ascend.
46.00	Ridge bears N. E. and S. W. descend.
55.10	Cross wash 15 lks. wide course S. W. ascend.
64.80	Ridge bears N. W. and S. E. descend.
73.50	Cross wash 50 lks. wide course W. and over rolling land.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap T4SR9W in N. and 1914 in S. half; S28 in N. W. S27 in N. E. S34 in S. E. and S33 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th. rate. No timber.
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	S. 0° 02' E. bet. secs. 33 and 34, on a random line
40.00	Set temp. $\frac{1}{4}$ sec. cor.
84.00	Intersect S. bdy. of Tp. 18 lks. W. of the cor. of secs. 3, 4, 33 and 34 reestablished by Jesse B. Wright, U. S. Surveyor, as described in book "D" Thence I run, N. 0° 10' W. on a true line bet. secs. 33 and 34. Over rolling hilly land.
44.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S33 in W. S34 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
71.00	Cross wash 15 lks. wide course N. W.
84.00	The cor. of secs. 27, 28, 33 and 34. Land, hilly. Soil, rocky; 4th. rate. No timber. Undergrowth, scattering paloverde.
	June 20, 1914.
	1914
	July 6: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 02\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 46'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25 and 36 on the E. bdy. of the Tp. estab. by me as described in book "B" Thence I run West on a true line bet. secs. 25 and 36. Ascend steep N. E. slope.
3.00	Mesa and along on top of mesa to
33.75	Descend along S. W. slope.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S25 in N. and S36 1914 in S. half; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
64.00	Ascend S. E. slope.
71.90	Ridge bears N. E. and S. W. descend.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap T4SR9W in N. and 1914 in S. half; S26 in N. W. S25 in N. E. S36 in S. E. and S35 in S. W. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th. rate. No timber.
	S. $0^{\circ} 01'$ E. on a random line bet. secs. 35 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
86.57	Intersect S. bdy. of Tp. 23 lks. W. of the cor. of secs. 1, 2, 35 and 36, reestablished by Jesse B. Wright, U. S. Surveyor, as described in book "D" Thence I run N. $0^{\circ} 11'$ W. on a true line bet. secs. 35 and 36. Over rolling hilly land.
2.77	Cross road bears E. and W.
46.57	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S35 in W. S36 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
56.50	Ascend steep S. slope.
76.50	Ridge bears N. E. and S. W. descend.
86.57	The cor. of secs. 26, 25, 35 and 36. Land, hilly and mountainous. Soil, rocky; 4th. rate. No timber.
	West on a true line, bet. secs. 26 and 35. Descending steep N. W. slope.
12.00	Ascend steep S. E. slope.
32.20	Ridge bears N. E. and S. W. descend.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
	ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in N. and S35 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
Note:	July 6: At this cor. I set off $22^{\circ} 44'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 02\frac{1}{2}'$ N.
44.00	Ascend.
50.70	Spur bears N. and S. descend.
56.00	Ascend.
59.50	Spur bears N. and S. descend.
77.00	Over rolling hilly land.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, marked on brass cap T4SR9W in N. and 1914 in S. half; S27 in N. W. S26 in N. E. S35 in S. E. and S34 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor. Land, mountainous. Soil, rocky; 4th. rate. No timber.
	—————
	S. $0^{\circ} 01'$ E., on a true line, bet. secs. 34 and 35. Over rolling hilly land, through scattering brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S34 in W. S35 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
85.24	Intersect S. bdy. of Tp. 54 lks. N. $89^{\circ} 11'$ W. of cor. of secs. 2 and 3, T. 5 S., R. 9 W., reestablished by Jesse B. Wright, as described in book "D". At point of intersection I set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing cor. of secs. 34 and 35, marked on brass cap CC N. of center; T4S in N. T5S S2 S3 1914 in S. and R9W in W. half; S34 in N. W. and S35 in N. E. quadrant; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Land, rolling hilly. Soil, rocky; 4th. rate. No timber. Undergrowth, greasewood and paloverde.
	—————
	West on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line 1 lk. N. of the cor. of secs. 27, 28, 33 and 34, Thence I run East on a true line bet. secs. 27 and 34. Over rolling hilly land, through scattering brush.
2.60	Cross wash 20 lks. wide course N. W.
39.00	Cross wash 10 lks. wide course N. W.
40.01	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in N. and S34 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
80.02	The cor. of secs. 26, 27, 34 and 35. Land, rolling hilly.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

Soil, rocky; 4th. rate.
No timber.

July 6, 1914.

1914

July 1: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ}07'$ N. on the lat. arc; $23^{\circ}10'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the Tp. estab. by me as described in book "B" Thence I run

S. $0^{\circ}02'$ E. bet. secs. 4 and 5.

Descending along S. E. slope.

0.50 Over nearly level land, through dense brush.

35.00 Cross wash 15 lks. wide course S. E.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in W. S4 in E. and 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

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

T4SR9W in N. and

1914 in S. half;

S5 in N. W.

S4 in N. E.

S9 in S. E. and

S8 in S. W. quadrant; from which

An ironwood 8 ins. diam., bears S. 32° E. 85 lks. dist., marked T4SR9WS9BT.

No other bearings available. Dig pits 18 x 18 x 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, nearly level.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

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

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

79.92 Intersect N. and S. line 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run

S. $89^{\circ}57'$ W. on a true line bet. secs. 4 and 9.

Over level land, through dense brush.

39.96 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in N. and S9 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

79.92 The cor. of secs. 4, 5, 8 and 9.

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood and mesquite.

S. $0^{\circ}02'$ E. bet. secs. 8 and 9.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 in W. S9 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

72.30 Cross road bears N. E. and S. W.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap T4SR9W in N. and 1914 in S. half; S8 in N. W. S9 in N. E. S16 in S. E. and S17 in S. W. quadrant; from which A paloverde 7 ins. diam., bears S. $51\frac{1}{2}^{\circ}$ W 99 lks. dist., marked T4SR9WS17BT. No other bearings available. Dig pits 18 x 18 x 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, sandy loam, mixed with gravel; 2nd. rate. No timber. Undergrowth, greasewood, paloverde and ironwood.
40.00	N. $89^{\circ} 57'$ E. on a random line bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.,
80.08	Intersect N. and S. line 5 lks. N. of the cor. of secs. 9, 10, 15 and 16. Thence I run S. $89^{\circ} 59'$ W. on a true line bet. secs. 9 and 16. Descending.
6.50	Over level land, through dense brush.
40.04	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S9 in N. and S16 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
80.08	The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood, mesquite and paloverde.
Note:	July 1: At this cor. I set off $23^{\circ} 08\frac{1}{2}'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 05'$ N.
	S. $0^{\circ} 02'$ E. bet. secs. 16 and 17. Over level land, through dense brush.
39.80	Cross wash 10 lks. wide course S. W.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in W. S16 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
46.20	Cross wash 10 lks. wide course S. W.
55.00	Ascend over low ridge. Leave brush.
65.00	Top of ridge bears E. and W.
76.50	Over level land, through dense brush.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap T4SR9W in N. and 1914 in S. half; S17 in N. W. S16 in N. E. S21 in S. E. and S20 in S. W. quadrant; dig pits 18 x 18 x 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 and hilly. Soil, sandy loam, dry, medium texture; 1st. rate. except from 55.00 to 76.50 chs. which is rocky; 4th. rate.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	<p>No timber. Undergrowth, greasewood, paloverde and mesquite.</p>
<p>40.00 80.02</p>	<p>N. 89° 59' E. on a random line bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.</p>
<p>6.00 13.00 33.00 40.01</p>	<p>Thence I run West on a true line bet. secs. 16 and 21. Descend. Cross wash 20 lks. wide course N. W. ascend. Ridge bears N. W. and S. E. descend. Cross wash 20 lks. wide course S. W. ascend.</p>
<p>40.50 66.00 80.02</p>	<p>Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$S16 in N. and S21 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Top of rocky point. descend along S. W. slope. Over level land, through dense brush. The cor. of secs. 16, 17, 20 and 21.</p>
<p>40.00 80.00</p>	<p>Land, mountainous and level. Soil, 0 to 66.00 chs. rocky; 4th. rate. 66.00 to 80.02 chs. sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, greasewood and paloverde.</p>
<p>40.00 80.00</p>	<p>S. 0° 02' E. bet. secs. 20 and 21. Over level land, through dense brush. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$S20 in W. S21 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.</p>
<p>80.00</p>	<p>Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked on brass cap T4SR9W in N. and 1914 in S. half; S20 in N. W. S21 in N. E. S28 in S. E. and S29 in S. W. quadrant; dig pits 18 x 18 x 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, sandy loam, dry, medium texture; 1st. rate. No timber. Undergrowth, grease wood and paloverde.</p>
<p>40.00 80.00</p>	<p>East on a random line bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.</p>
<p>6.20 40.00 80.00</p>	<p>Thence I run N. 89° 59' W. on a true line bet. secs. 21 and 28. Over level land, through dense brush. Cross wash 20 lks. wide course S. W. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$S21 in N. and S28 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor. The cor. of secs. 20, 21, 28 and 29.</p>

BOOK 2815

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

Land, level.
Soil, Saddy loam, mixed with gravel; 2nd. rate.
No timber.
Undergrowth, greasewood, paloverde and ironwood.

July 1, 1914.

July 3:1914

S. $0^{\circ} 02'$ E. bet. secs. 28 and 29.

Over level land, through dense brush.

40.00

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in W. S28 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

73.00

Cross wash 40 lks. wide course S. W. over rolling land.

80.00

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked on brass cap

T4SR9W in N. and

1914 in S. half;

S29 in N. W.

S28 in N. E.

S33 in S. E. and

S32 in S. W. quadrant; from which

An ironwood 6 ins. diam., bears S. $20\frac{1}{4}^{\circ}$ E. 151 lks. dist., marked T4SR9WS33BT.

An ironwood 10 ins. diam., bears S. $14\frac{1}{2}^{\circ}$ W. 250 lks. dist., marked T4SR9WS32BT.

No other bearings available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, level and rolling.

Soil, sandy loam, mixed with gravel; 2nd. rate.

No timber.

Undergrowth, greasewood, paloverde and ironwood.

S. $89^{\circ} 59'$ E. on a random line bet. secs. 28 and 33.

40.00

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

80.02

Intersect N. and S. line 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

S. $89^{\circ} 59'$ W. on a true line bet. secs. 28 and 33.

Over rolling land, through dense brush.

10.50

Cross wash 10 lks. wide course N.

40.01

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in N. and S33 1914 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

50.75

Cross wash 10 lks. wide course N. W.

80.02

The cor. of secs. 28, 29, 32 and 33.

Land, rolling.

Soil, rocky; 4th. rate.

No timber.

Undergrowth, paloverde, greasewood, and ironwood.

July 3, 1914.

July 5:1914

S. $0^{\circ} 02'$ E. bet. secs. 32 and 33, on a random line.

40.00

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

82.62

Intersect S. bdy. of Tp. 26 lks. E. of the cor. of secs. 4, 5, 32 and 33., reestab. by J.B.Wright as described in book

"D" Thence I run

Partial. Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

N. $0^{\circ} 09'$ E. on a true line bet. secs. 32 and 33.
Over rolling land, through dense brush.
3.77 Cross road bears E. and W.
8.85 Cross wash 30 lks. wide course S. W.
42.62 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S32 in W.
S33 in E. and 1914 in S. half; and raise a mound of stone
2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
80.00 Cross wash 30 lks. wide course W.
82.62 The cor. of secs. 28, 29, 32 and 33.
Land, rolling.
Soil, rocky; 4th. rate.
No timber.
Undergrowth, greasewood and paloverde.

July 5, 1914.

1914
July 2: At 8h. 00m. a.m., l.m.t., I set off $33^{\circ} 07'$ N. on
the lat. arc; $23^{\circ} 05\frac{1}{2}'$ N. on the 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., estab. by me as described
Thence I run (in book "B")
S. $0^{\circ} 03'$ E. bet. secs. 5 and 6.
Over level land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S6 in W.
S5 in E. and 1914 in S. half; from which
A paloverde 12 ins. diam., bears S. $72\frac{1}{2}^{\circ}$ E. 322
lks. dist., marked $\frac{1}{4}$ S5BT.
A paloverde 8 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ W. 85
lks. dist., marked $\frac{1}{4}$ S6BT.
63.50 Cross wash 20 lks. wide course S. E.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for cor. of secs. 5, 6, 7 and 8, marked on brass
cap
T4SR9W in N. and
1914 in S. half;
S6 in N. W.
S5 in N. E.
S8 in S. E. and
S7 in S. W. quadrant; from which
A paloverde 5 ins. diam., bears N. $3\frac{3}{4}^{\circ}$ W. 275
lks. dist., marked T4SR9WS6BT.
A paloverde 8 ins. diam., bears N. 33° E. 130
lks. dist., marked T4SR9WS5BT.
An ironwood 12 ins. diam., bears S. 58° E. 324
lks. dist., marked T4SR9WS8BT.
A paloverde 5 ins. diam., bears S. $48\frac{3}{4}^{\circ}$ W. 380
lks. dist., marked T4SR9WS7BT.
Land, level.
Soil, N. 39.00 chs. rocky; 4th. rate. S. 41.00 chs.
sandy loam, mixed with gravel; 2nd. rate.
No timber.
Undergrowth, greasewood, ironwood and paloverde.

East on a random line bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line 2 lks. N. of the cor. of secs.
4, 5, 8 and 9.
Thence I run
N. $89^{\circ} 59'$ W. on a true line bet. secs. 5 and 8.
Over level land, through dense brush.
40.01 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in N.
and S8 1914 in S. half; dig pits 18 x 18 x 12 ins. E.
and W. of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

BOOK 2515

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	
60.70	Cross wash 20 lks. wide course S. W.
80.02	The cor. of secs. 5, 6, 7 and 8.
	Land, level.
	Soil, sandy loam, mixed with gravel; 2nd. rate.
	No timber.
	Undergrowth, greasewood, paloverde and ironwood.

	West on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.95	Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs.
	1, 6, 7 and 12, established by Jesse B. Wright,
	U. S. Surveyor., as described in book "A"
	Thence I run
	N. $89^{\circ} 58'$ E. on a true line bet. secs. 6 and 7.
	Over level land, through dense brush.
40.95	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S6 in N.
	and S7 1914 in S. half; from which
	A paloverde 6 ins. diam., bears N. $19\frac{1}{2}^{\circ}$ E. 165
	lks. dist., marked $\frac{1}{4}$ S6BT.
	A paloverde 6 ins. diam., bears S. $80\frac{1}{2}^{\circ}$ E. 283
	lks. dist., marked $\frac{1}{4}$ S7BT.
56.85	Cross wash 70 lks. wide course S.
80.95	The cor. of secs. 5, 6, 7 and 8.
	Land, level.
	Soil, sandy loam, mixed with gravel; 2nd. rate.
	No timber.
	Undergrowth, greasewood, paloverde and ironwood.

	S. $0^{\circ} 03'$ E. bet. secs. 7 and 8.
	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S7 in W.
	S8 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
	N. and S. of post 3 ft. dist., and raise a mound of earth
	$3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
76.60	Cross wash 20 lks. wide course S. E.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
	ground for cor. of secs. 7, 8, 17 and 18, marked on brass
	cap
	T4SR9W in N. and
	1914 in S. half;
	S7 in N. W.
	S8 in N. E.
	S17 in S. E. and
	S18 in S. W. quadrant; from which
	A paloverde 6 ins. diam., bears N. $32\frac{1}{2}^{\circ}$ W. 65
	lks. dist., marked T4SR9WS7BT.
	An ironwood 12 ins. diam., bears N. $54\frac{1}{2}^{\circ}$ E. 152
	lks. dist., marked T4SR9WS8BT.
	A paloverde 10 ins. diam., bears S. 74° E. 285
	lks. dist., marked T4SR9WS17BT.
	A paloverde 4 ins. diam., bears S. $80\frac{1}{2}^{\circ}$ W. 347
	lks. dist., marked T4SR9WS18BT.
	Land, level.
	Soil, sandy loam, mixed with gravel; 2nd. rate.
	No timber.
	Undergrowth, greasewood, paloverde and ironwood.
Note:	July 2: At this cor. I set off $23^{\circ} 04\frac{1}{2}'$ N. on the dec l.
	arc; and observe the sun on the meridian at noon; the
	resulting lat. is $33^{\circ} 05'$ N.

Partia Subdivision of Tp. 4 S. Rg. 9 W.

Chains.	S. 89° 59' E. on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line 5 lks. S. of the cor. of secs. 8, 9, 16 and 17
	Thence I run
	S. 89° 59' W. on a true line bet. secs. 8 and 17.
	Over level land, through dense brush.
5.00	Cross road bears N. E. and S. W.
39.96	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 in N. and S17 1914 in S. half; from which
	A paloverde 4 ins. diam., bears N. 42 $\frac{1}{2}$ ° W. 203 lks. dist., marked $\frac{1}{4}$ S8BT.
	A paloverde 4 ins. diam., bears S. 43 $\frac{1}{2}$ ° W. 147 lks. dist., marked $\frac{1}{4}$ S17BT.
42.40	Cross wash 10 lks. wide course S. E.
50.20	Cross wash 25 lks. wide course S.
62.40	Cross wash 10 lks. wide course S.
69.25	Cross wash 6 lks. wide course S. E.
76.80	Cross wash 20 lks. wide course S.
79.92	The cor. of secs. 7, 8, 17 and 18.
	Land, level.
	Soil, sandy loam, mixed with gravel; 2nd. rate.
	No timber.
	Undergrowth, greasewood, paloverde and ironwood.

	S. 89° 58' W. on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.01	Intersect W. bdy. of Tp. 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, established by Jesse B. Wright U. S. Surveyor, as described in book "A"
	Thence I run
	N. 89° 59' E. on a true line bet. secs. 7 and 18.
	Over level land, through dense brush.
15.70	Cross wash 15 lks. wide course S. E.
21.50	Cross wash 20 lks. wide course S.
41.01	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S7 in N. and S18 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, N. of cor.
81.01	The cor. of secs. 7, 8, 17 and 18.
	Land, level.
	Soil, Sandy loam, mixed with gravel; 2nd. rate.
	No timber.
	Undergrowth, greasewood, paloverde and ironwood.

	S. 0° 03' E. bet. secs. 17 and 18.
	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S18 in W. S17 in E. and 1914 in S. half; from which
	A paloverde 8 ins. diam., bears N. 18° E. 383 lks. dist., marked $\frac{1}{4}$ S17BT.
	A paloverde 8 ins. diam., bears S. 24° W. 134 lks. dist., marked $\frac{1}{4}$ S18BT.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, marked on brass cap
	T4SR9W in N. and 1914 in S. half;
	S18 in N. W.
	S17 in N. E.
	S20 in S. E. and
	S19 in S. W. quadrant; from which

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

A paloverde 8 ins. diam., bears N. 12° W. 120 lks. dist., marked T4SR9WS18BT.
 No other bearings available. Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 Land, level.
 Soil, N. 70.00 chs. sandy loam, mixed with gravel; 2nd. rate. S. 10.00 chs. sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, paloverde, mesquite and ironwood.

July 2, 1914.

1914
 July 3: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ} 04\frac{1}{2}^{\circ}$ N. on the lat. arc; $23^{\circ} 01\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20. Thence I run
 N. $89^{\circ} 59'$ E., on a random line, bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line 5 lks. N. of the cor. of secs. 16, 17, 20 and 21.
 Thence I run
 N. $89^{\circ} 59'$ W. on a true line bet. secs. 17 and 20.
 Over level land, through dense brush.
 30.80 Cross wash 50 lks. wide course S.
 39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S17 in N. and S20 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 65.20 Cross road bears N. E. and S. W.
 79.98 The cor. of secs. 17, 18, 19 and 20.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, paloverde and mesquite.

S. $89^{\circ} 59'$ W. on a random line bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 81.06 Intersect W. bdy. of Tp. 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, established by Jesse B. Wright, U. S. Surveyor, as described in book "A"
 Thence I run
 East on a true line bet. secs. 18 and 19.
 Over level land, through dense brush.
 41.06 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S18 in N. and S19 1914 in S. half; from which
 A paloverde 12 ins. diam., bears N. $54\frac{1}{2}^{\circ}$ E. 193 lks. dist., marked $\frac{1}{4}$ S18BT.
 No other bearings available. Dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
 81.06 The cor. of secs. 17, 18, 19 and 20.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood and paloverde.

S. $0^{\circ} 03'$ E. bet. secs. 19 and 20.
 Over level land, through dense brush.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

- Chains.
- 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in W. S20 in E. and 1914 in S. half; from which
 A paloverde 10 ins. diam., bears N. 68° E. 294 lks. dist., marked $\frac{1}{4}$ S20BT.
 A paloverde 9 ins. diam., bears S. 32° W. 125 lks. dist., marked $\frac{1}{4}$ S19BT.
- 80.00 Set an iron post 3 ft. long, 2 in. diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, marked on brass cap
 T4SR9W in N. and 1914 in S. half;
 S19 in N. W.
 S20 in N. E.
 S29 in S. E. and S30 in S. W. quadrant; from which
 A paloverde 8 ins. diam., bears N. $7\frac{1}{2}^{\circ}$ W. 142 lks. dist., marked T4SR9WS19BT.
 A mesquite 6 ins. diam., bears S. $79\frac{3}{4}^{\circ}$ W. 63 lks. dist., marked T4SR9WS30BT.
- No other bearings available. Dig pits 18 x 18 x 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, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, paloverde and mesquite.
-
- S. $89^{\circ} 59'$ E. on a random line bet. secs. 20 and 29.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs. 20, 21, 28 and 29.
 Thence I run
 S. $89^{\circ} 59'$ W. on a true line bet. secs. 20 and 29.
 Over level land, through dense brush.
- 39.50 Cross wash 35 lks. wide course S. E.
- 39.98 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S20 in N. and S29 1914 in S. half; from which
 A paloverde 8 ins. diam., bears N. $50\frac{1}{2}^{\circ}$ E. 78 lks. dist., marked $\frac{1}{4}$ S20BT.
 A paloverde 15 ins. diam., bears S. 54° W. 91 lks. dist., marked $\frac{1}{4}$ S29BT.
- 41.50 Cross wash 25 lks. wide course S. E.
- 79.96 The cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.
 Undergrowth, greasewood, paloverde and mesquite.
-
- West on a random line bet. secs. 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 81.10 Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 19, 24, 25 and 30, established by Jesse B. Wright U. S. Surveyor., as described in book "A"
 Thence I run
 N. $89^{\circ} 58'$ E. on a true line bet. secs. 19 and 30.
 Over level land, through dense brush.
- 41.10 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in N. and S30 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
- 81.10 The cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy loam, dry, medium texture; 1st. rate.
 No timber.

BOOK 2815

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

Undergrowth, greasewood, mesquite and paloverde.
 Note: July 3: At this cor. I set off $23^{\circ}00'$ N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ}03\frac{1}{2}'$ N.

July 3, 1914.

1914

July 5: At 7h. 00m. a.m., l.m.t., I set off $33^{\circ}03\frac{1}{2}'$ N. on the lat. arc; $22^{\circ}51\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.

Thence I run

S. $0^{\circ}03'$ E. bet. secs. 29 and 30.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S30 in W. S29 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.

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

T4SR9W in N. and

1914 in S. half;

S30 in N. W.

S29 in N. E.

S32 in S. E. and

S31 in S. W. quadrant; dig pits 18 x 18 x 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, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

40.00 N. $89^{\circ}59'$ E. on a random line bet. secs. 29 and 32.

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

79.94 Intersect N. and S. line 5 lks. N. of the cor. of secs. 28, 29, 32 and 33,

Thence I run

✓ N. $89^{\circ}59'$ W. on a true line bet. secs. 29 and 32.

Over gently rolling land, through dense brush.

7.70 Cross wash 30 lks. wide course S. W.

39.97 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in N. and S32 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Cross wash 40 lks. wide course S.

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

Land, gently rolling.

Soil, 0 to 7.70 chs. rocky; 4th. rate. 7.70 to 79.94 chs. sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

40.00 S. $89^{\circ}58'$ W. on a random line bet. secs. 30 and 31.

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

81.23 Intersect W. bdy. of Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 and 36, established by Jesse B. Wright U. S. Surveyor., as described in book "A"

Thence I run

✓ S. $89^{\circ}57'$ E. on a true line bet. secs. 30 and 31.

Over level land, through dense brush.

41.23 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S30 in N.

Partial Subdivision of Tp. 4 S. Rg. 9 W.

Chains.

81.23 and S31 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, N. of cor.

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

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

Note: July 5: At this cor. I set off 22° 49 1/2' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 02 1/2' N.

40.00 S. 0° 03' E. on a true line, bet Secs. 31 and 32.

Over level land, through dense brush.

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap 1/4 S31 in W. S32 in E. and 1914 in S. half; from which

A paloverde 6 ins. diam., bears S. 64° E. 11 lks. dist., marked 1/4 S32BT.

No other bearing available. Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for witness cor. to closing cor. to secs. 31 & 32, marked on brass cap

WCCC N. of center;

T4S in N.

T5S S5 S6 1914 in S. and

R9W in W. half;

S31 in N. W. and

S32 in N. E. quadrant; dig pits 24 x 18 x 12 ins. in crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high N. of cor.

81.34 Wash 40 lks. wide course S. W. Intersect S. bdy. of Tp. S. 89° 02' E. 86 lks. from the cor. of secs. 5 and 6, Tp. 5 S. Rg. 9 W. re-established by Jesse B. Wright, U. S. Surveyor., as described in book "D".

Land, level.

Soil, sandy loam, dry, medium texture; 1st. rate.

No timber.

Undergrowth, greasewood, paloverde and mesquite.

July 5, 1914.

General Description.

The eastern part of this township lies on barren malpais mountains, extremely rough and difficult to survey, rising about 1200 feet above the level of the surrounding country. As there is no land of any value for agricultural or grazing purposes in these mountains I leave this part of the Township unsurveyed.

The rest of the township is rolling and level and the soil is generally a sandy loam. The soil in secs. 10 and 11 is exceptionally good. There are no settlers in the township, and no water or timber.

John A. Hesse
U. S. Surveyor.

BOOK 2815

FOR FINAL OATH OF UNITED STATES SURVEYOR.

See Book "E"

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 Ariz. Aug 23, 1915

The foregoing field notes of the survey of *part of the Subdivision lines of Township 4 South, Range 9 West of the Gila & Salt River Base & Meridian in the State of Arizona*

executed by *John F. Hesse - U.S. Surveyor* under his special instructions dated *Feb. 10 - 1914 for Group 32*, ~~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.

U. S. Surveyor General.