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BOOK 2747

2747
INDEX DIAGRAM.

Township 12 S. Range 11 E.

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———— Book. A.
----- Unsurveyed

Subdivision of T. 12 S., R. 11 E.

10

Chains.

Survey commenced Sept. 12, 1913, and executed jointly by Jesse B. Wright and William H. Elliott, U.S. Surveyors, using Young & Son's light mountain transits Nos. 8145 and 8492 respectively, minute description and field tests heretofore given in books "D" and "E." (Initials "J. B. W." and "W. H. E." designate lines as run by Wright and Elliott, respectively.) Knowing from recent and repeated tests made on a true meridian established by Polaris observations at our various camps that our instruments are in correct adjustment, we proceed as follows: -

a consideration of the closure or completion of the east bdy. of the Tp. in connection with the field notes of the other boundaries renders it advisable that this Tp. be surveyed from the East to the West, and from the North to the South, therefore; W.H.E.

At 9h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, on the N. bdy. of the Tp., which is a granite stone 12x10x6 ins. above ground, marked and witnessed as described by the Surveyor General, I set off 4°15' N. on the decl. arc, and 32°26' N. on the lat. arc, and determine a meridian with the solar. Thence I run, parallel to E. bdy. of Tp., mean line, S. 0° 9' E., bet. secs. 1 & 2.

Var. 13°40' E.

Over valleyland, through dense mesquite and catclaw.

0.32
40.00

Irrigation ditch, 8 lks. wide, brs. NW. & SE.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 2 in W., and S 1 in E. half; from which, A mesquite tree 8 ins. diam. brs. S. 11° W. 48 lks. dist., marked ¼ S 2 B T.

No other trees available of sufficient size.

Dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor. Santa Cruz River bed, (dry.) 1 ch. wide, course WNW.

46.50
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 & 12, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 2 in NW., S 1 in NE., S 12 in SE., and S 11 in SW. quad.; from which,

A mesquite tree 12 ins. diam. brs. N. 47¼° E. 237 lks. dist., marked T 12 S R 11 E S 1 B T.

A mesquite tree 10 ins. diam. brs. S. 25¼° E. 294 lks. dist., marked T 12 S R 11 E S 12 B T.

A mesquite tree 6 ins. diam. brs. S. 81¼° W. 56 lks. dist., marked T 12 S R 11 E S 11 B T.

A mesquite tree 6 ins. diam. brs. N. 86½° W. 49 lks. dist., marked T 12 S R 11 E S 2 B T.

Land, level, gently rolling.

Soil, 2nd rate, sandy, loamy, loose, fertile.

Mesquite, catclaw, fair grass.

East, on a random line, bet. secs. 1 & 12.

40.00
80.00

Set temp. ¼ sec. cor. Intersect E. bdy. of Tp. 21 lks. S. of cor. of secs. 1, 6, 7 & 12, which is a malpais stone 12x6x5 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run, S. 89°51' W. on a true line bet. secs. 1 & 12. Over rolling land, through scattering brush.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 1 in N., and S 12 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

40.03
79.37
80.00

Wire fence, brs. N. & S.
Wire fence, brs. N. & S.
To cor. of secs. 1, 2, 11 & 12, as the before described. Land, rolling. Soil, 2nd rate, sandy. Scattering mesquite.

2

Subdivision of T. 12 S., R. 11 E.

Chains.

- S. $0^{\circ} 9'$ E. bet. secs. 11 & 12.
Over rolling land, through scattering brush, asc. gently.
Road, brs. E. & W.
- 37.60
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 11 in W., and
S 12 in E. half; from which,
A paloverde tree 8 ins. diam. brs. N. $6\frac{1}{2}^{\circ}$ E. 224 lks. dist., marked $\frac{1}{4}$ S 12 B T. No other tree available, dig pits 18x18x12 ins. N. & 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 & 14, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 11 in NW.,
S 12. in NE.,
S 13 in SE., and
S 14 in SW. quad.; no bearings available, 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, gently rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Scattering mesquite, catclaw, paloverde, cacti, fair grass.
At this cor. at noon, I set off $4^{\circ} 12'$ N. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $32^{\circ} 24'$ N.
-
- N. $89^{\circ} 51'$ E. on a random line bet. secs. 12 & 13.
Set temp. $\frac{1}{4}$ sec. cor.
- 40.00
79.98 Intersect E. bdy. of Tp. 9 lks. N. of cor. of secs. 7, 12, 13 & 18, which is a malpais stone 8x8x12 ins. above ground, marked and witnessed as described by the Surveyor General, whence I run,
S. $89^{\circ} 55'$ W. on a true line bet. secs. 12 & 13.
Over gently rolling land, drains to N., through scattering brush.
- 27.00
39.99 Drain, 20 lks. wide, course NNE.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 12 in N., and
S 13 in S. half; no bearings available, dig pits 18x18x12 ins. E. & 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.
- 79.98 To cor. of secs. 11, 12, 13 & 14.
Land, rolling. Soil, 3rd rate, sandy, gravelly, loose. Mesquite, greasewood, paloverde, cacti, catclaw, ..
-
- S. $0^{\circ} 9'$ E. bet. secs. 13 & 14.
Over rolling land, asc. gently, through dense greasewood, paloverde, ironwood.
- 16.90
33.07
40.00 Wash, 40 lks. wide, course ESE.
Road, brs. WNW. & ESE.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 14 in W., and
S 13 in E. half; no bearings available, dig pits 18x18x12 ins. N. & 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.
- 41.92
80.00 Road, Silver Bell to Tucson, brs. ESE. & WNW.
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 14 in NW.,
S 13 in NE.,
S 24 in SE., and
S 23 in SW. quad.; no bearings available, dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, rolling. Soil, 3rd rate, gravelly, dry.
Mesquite, paloverde, ironwood, catclaw, fair grass.

Subdivision of T. 12 S., R. 11 E.

Chains.

N. 89°55' E. on a random line bet. secs. 13 & 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 5 lks. N. of cor. of
 secs. 13, 18, 19 & 24, which is a volcanic stone
 12x6x6 ins. above ground, marked and witnessed as
 described by the Surveyor General, whence I run,
 S. 89°57' W. on a true line bet. secs. 13 & 24.
 Over gently rolling land, drains to N., through
 scattering brush.
 34.70 Wash, 30 lks. wide, course N.
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 13 in N., and
 S 24 in S. half;
 dig pits 18x18x12 ins. E. & 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.
 79.96 To cor. of secs. 13, 14, 23 & 24.
 Land, rolling.
 Soil, 3rd rate, gravelly, sandy, loose, dry.
 Greasewood, mesquite, paloverde, cacti, sparse grass.
 Sept. 12, 1913. W. H. E.

W. H. E.

Sept. 13, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,
 hereinbefore described, I set off

S. 5°54' N. on the decl. arc, and 32°23 $\frac{1}{2}$ ' N. on the lat.
 arc, and determine a meridian with the solar.

Thence I run,

S. 0° 9' E. bet. secs. 23 & 24.

Over rolling land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 23 in W., and
 S 24 in E. half; from which,
 An ironwood tree 14 ins. diam. brs. S. 47 $\frac{1}{2}$ ° E. 63 lks. dist.,
 marked $\frac{1}{4}$ S 24 B T.
 An ironwood tree 4 ins. diam. brs. S. 68 $\frac{1}{2}$ ° W. 122 lks. dist.,
 marked $\frac{1}{4}$ S 23 B T.

51.00 Drain, 20 lks. wide, course NE.

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 & 26, marked on
 brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
 S 23 in NW.,
 S 24 in NE.,
 S 25 in SE., and
 S 26 in SW. quad.; no bearings available,
 dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and
 raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land, rolling. Soil, 3rd rate, gravelly, dry.
 Mesquite, greasewood, paloverde, cacti, sparse grass.

N. 89°57' E. on a random line bet. secs. 24 & 25.

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

79.92 Intersect E. bdy. of Tp. 5 lks. S. of cor. of
 secs. 19, 24, 25 & 30, which is a granite stone 12x6x6
 ins. above ground, marked and witnessed as described
 by the Surveyor General, whence I run,
 S. 89°55' W. on a true line bet. secs. 24 & 25.
 Over rolling land, through dense brush.

10.00 Wash, 20 lks. wide, course NE.

29.00 Wash, 10 lks. wide, course NE.

39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 24 in N., and
 S 25 in S. half;

dig pits 18x18x12 ins. E. & 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.

79.92 To cor. of secs. 23, 24, 25 & 26.

Land, rolling.

Soil, 3rd rate, gravelly, dry.

Paloverde, mesquite, catclaw, cacti, sparse grass.

4

Subdivision of T. 12 S., R. 11 E.

Chains.	S. 0°9' E. bet. secs. 25 & 26. Over rolling land, through dense brush.
19.30	Road, brs. WSW. & ENE.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 26 in W., and S 25 in E. half; from which, An ironwood tree 8 ins. diam. brs. N. 8°E. 59 lks. dist., marked $\frac{1}{4}$ S 25 B T. An ironwood tree 9 ins. diam. brs. N. 8°W. 30 lks. dist., marked $\frac{1}{4}$ S 26 B T.
71.80	Wash, 30 lks. wide, course NW.
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 & 36, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 26 in NW., S 25 in NE., S 36 in SE., and S 35 in SW. quad.; from which, A paloverde tree 6 ins. diam. brs. N. 50°E. 86 lks. dist., marked T 12 S R 11 E S 25 B T. A paloverde tree 6 ins. diam. brs. S. 37°E. 28 lks. dist., marked T 12 S R 11 E S 36 B T. A paloverde tree 9 ins. diam. brs. S. 81°W. 170 lks. dist., marked T 12 S R 11 E S 35 B T. A paloverde tree 8 ins. diam. brs. N. 71°W. 76 lks. dist., marked T 12 S R 11 E S 26 B T.
	Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Mesquite, ironwood, paloverde, greasewood, fair grass. At this cor. at noon, I set off 3°49 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°21 $\frac{1}{2}$ ' N.
40.00	N. 89°55' E. on a random line bet. secs. 25 & 36. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 25, 30, 31 & 36, which is an iron post, as recently re-established by J. B. Wright, and described in book "A", whence I run, S. 89°53' W. on a true line bet. secs. 25 & 36. Over rough, mts. land, desc. grad., through dense brush, along NNW. slope.
20.00	Foot of main slope, brs. NE. & SW., desc. grad.
30.70	Wash, 25 lks. wide, course NE.
38.80	Road, brs. NNE. & SSW.
39.95	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 25 in N., and S 36 in S. half; from which, An ironwood tree 6 ins. diam. brs. S. 1 $\frac{1}{2}$ °E. 51 lks. dist., marked $\frac{1}{4}$ S 36 B T. A paloverde tree 6 ins. diam. brs. N. 1° W. 14 lks. dist., marked $\frac{1}{4}$ S 25 B T.
47.55	Road, brs. NE. & SW.
59.53	Dim road, brs. NE. & SW.
78.00	Wash, 30 lks. wide, course NNW.
79.90	To cor. of secs. 25, 26, 35 & 36. Land, rolling. Soil, 3rd rate, gravelly, dry. Paloverde, ironwood, mesquite, catclaw, cacti, sparse grass.

Subdivision of T. 12 S., R. 11 E.

Chains.

S. 0° 9' E. bet. secs. 35 & 36.
 Over rolling land, through dense brush, heavy mesquite, paloverde and ironwood.

5.12 Wash, 50 lks. wide, course NW.
 10.30 Wash, 40 lks. wide, course NW.
 15.17 Road, brs. NE. & SW.
 20.78 Dim road, brs. NW. & SE.
 28.70 Road, brs. NE. & 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., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 35 in W., and S 36 in E. half; from which,
 A paloverde tree 8 ins. diam. brs. N. 50 $\frac{1}{2}$ ° E. 73 lks. dist., marked $\frac{1}{4}$ S 36 B T.
 A paloverde tree 5 ins. diam. brs. N. 85 $\frac{1}{2}$ ° W. 154 lks. dist., marked $\frac{1}{4}$ S 35 B T.

53.40 Road, brs. NE. & SW.
 64.00 Wash, 30 lks. wide, course WNW.
 91.04 Intersect N. bdy. of T. 13 S., R. 11 E. whence cor. of secs. 1, 2, 35 & 36 brs. West, 7.80 chs. dist., which is a malpais stone 12x8x6 ins. above ground, marked and witnessed as described by the Surveyor General, which cor. I change to refer to secs. 1 & 2, of T. 13 S., R. 11 E., only. At point of intersection. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 35 & 36, marked on brass cap, C C, S. of centre, 1913 on S. rim, T 12 S R 11 E, in N. half, S 35 in NW., and S 36 in NE. quad;; from which,
 A paloverde tree 8 ins. diam. brs. N. 66° E. 101 lks. dist., marked T 12 S R 11 E S 36 C C B T.
 An ironwood tree 9 ins. diam. brs. N. 73° W. 165 lks. dist., marked T 12 S R 11 E S 35 C C B T.

Land, rolling.
 Soil, 3rd rate, sandy, gravelly, dry, loamy, loose.
 Paloverde, ironwood, mesquite, catclaw, paloverde, sparse grass.

Sept. 13, 1913.
W. H. E.

6

Subdivision of T. 12 S., R. 11 E.

Chains.	Sept. 12, 1913. J. B. W. At 1h p.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, on the N. bdy. of the Tp., which is a granite stone 8x6x6 ins. above ground, marked and witnessed as described by the Surveyor General, I set off 4°11½' N. on the decl. arc, and 32°26' N. on the lat. arc, and determine a meridian with the solar. Thence, I run, S. 0°09' E., bet. secs. 2 & 3. Over rolling valley land, through mesquite, paloverde, greasewood, fair grass.
20.00	Santa Cruz River bed, (dry) 75 lks. wide, course NW.
33.00	House and windmill of Griffith & Pacheco brs. W. 8 chs.
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, 1913 on S. rim, ¼ S 3 in W., and S 2 in E. half; no bearings available. dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
44.75	Wire fence, brs. E. & W.
60.00	Dim road, brs. NW. & SE.
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 & 11, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 3 in NW., S 2 in NE., S 11 in SE., and S 10 in SW. quad.; from which, A paloverde tree 12 ins. diam. brs. N. 36¼° E. 403 lks. dist., marked T 12 S R 11 E S 2 B T. A paloverde tree 4 ins. diam. brs. S. 10½° E. 323 lks. dist., marked T 12 S R 11 E S 11 B T. A mesquite tree 6 ins. diam. brs. S. 31½° W. 169 lks. dist., marked T 12 S R 11 E S 10 B T. A paloverde tree 8 ins. diam. brs. N. 45½° W. 156 lks. dist., marked T 12 S R 11 E S 3 B T.
	Land, rolling. Soil, 2nd & 3rd rate, sandy, loamy, loose, fertile. Mesquite, paloverde, greasewood, catclaw, fair grass.
	East, on a random line bet. secs. 2 & 11.
40.00	Set temp. ¼ sec. cor.
80.12	Intersect N. & S. line 23 lks. S. of cor. of secs. 1, 2, 11 & 12, hereinbefore described, whence I run, S. 89°50' W. on a true line bet. secs. 2 & 11. Over gently rolling land, through scattering brush.
40.06	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 2 in N., and S 11 in S. half; from which, A paloverde tree 6 ins. diam. brs. N. 31½° E. 44 lks. dist., marked ¼ S 2 B T. A mesquite tree 6 ins. diam. brs. S. 0°30' E. 184 lks. dist., marked ¼ S 11 B T.
70.00	Dim road, brs. NW. & SE.
80.12	To cor. of secs. 2, 3, 10 & 11. Land, gently rolling. Soil, 2nd & 3rd rate, loamy, sandy, loose. Mesquite, paloverde, greasewood, fair grass.

Subdivision of T. 12 S., R. 11 E.

Chains. S. 0° 09' E. bet. secs. 10 & 11.
 Over gently rolling land, through scattering brush.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 10 in W., and
 S 11 in E. half;
 dig pits 18x18x12 ins. N. & 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.
 50.00 Road, brs. NW. & SE.
 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 & 15, marked on
 brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quad.;;
 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, gently rolling.
 Soil, 3rd rate, gravelly, sandy, loose, dry.
 Mesquite, greasewood, paloverde, fair grass.
 Sept. 12, 1913. J.B.W.

J.B.W.
 Sept. 13, 1913.
 At 7h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,
 as above described,
 I set off $3^{\circ}56'$ N. on the decl. arc, and $32^{\circ}24'$ N. on the
 lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. $89^{\circ}50'$ E. on a random line bet. secs. 11 & 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect cor. of secs. 11, 12, 13 & 14, hereinbefore
 described, whence I run,
 S. $89^{\circ}50'$ W. on a true line bet. secs. 11 & 14.
 Over gently rolling land, through scattering brush.
 40.09 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 11 in N., and
 S 14 in S. half;
 dig pits 18x18x12 ins. E. & 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.
 80.18 To cor. of secs. 10, 11, 14 & 15.
 Land, gently rolling. Soil, 3rd rate, sandy, gravelly.
 Scattering mesquite, greasewood, paloverde, good grass.

S. 0° 09' E. bet. secs. 14 & 15.
 Over gently rolling land, through scattering brush.
 36.90 Road, Silver Bell to Tucson, brs. ESE. & WNW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 15 in W., and
 S 14 in E. half;
 dig pits 18x18x12 ins. N. & 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 & 23, marked on
 brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
 S 15 in NW.,
 S 14 in NE.,
 S 23 in SE., and
 S 22 in SW. quad.;; no bearings available,
 dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, rolling.
 Soil, 3rd rate, sandy, gravelly, dry.
 Greasewood, mesquite, paloverde, good grass.

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Subdivision of T. 12 S., R. 11 E.

Chains.	N. 89°50' E. on a random line bet. secs. 14 & 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect N. & S. line 5 lks. N. of cor. of secs. 13, 14, 23 & 24, hereinbefore described, Whence I run, S. 89°52' W. on a true line bet. secs. 14 & 23. Over rolling land, through dense brush.
35.00	Asc. grad.
40.10	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 14 in N., and S 23 in S. half; No bearings available. Pits impract. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
45.00	Top of hill, brs. N. 10 chs. & S. 15 chs., desc.
55.00	Foot, brs. N. & S., thence over plain.
80.20	To cor. of secs. 14, 15, 22 & 23. Land, rolling. Soil, 3rd rate, gravelly, stony. Greasewood, paloverde, mesquite, fair grass.
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	S. 0°09' E. bet. secs. 22 & 23. Over gently rolling land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 22 in W., and S 23 in E. half; from which, A paloverde tree 6 ins. diam. brs. S. 45° E. 210 lks. dist., marked $\frac{1}{4}$ S 23 B T. A paloverde tree 6 ins. diam. brs. N. 76° W. 110 lks. dist., marked $\frac{1}{4}$ S 22 B T.
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 & 27, marked on brass cap T 12 S R 11 E, in N. half, 1913 on S. rim, S 22 in NW., S 23 in NE., S 26 in SE., and S 27 in SW. quad.; no bearings available, dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, sandy, dry. Mesquite, paloverde, greasewood, fair grass.
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	N. 89°52' E. on a random line bet. secs. 23 & 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. & S. line 5 lks. S. of cor. of secs. 23, 24, 25 & 26, hereinbefore described, whence I run, S. 89°50' W. on a true line bet. secs. 23 & 26. Over rolling land, through dense brush, greasewood.
17.00	Wash, 30 lks. wide, course NE.
40.08	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 23 in N., and S 26 in S. half; dig pits 18x18x12 ins. E. & 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.
80.16	To cor. of secs. 22, 23, 26 & 27. Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Greasewood, mesquite, paloverde, sparse grass. At this cor. at noon, I set off $3^{\circ}49\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $32^{\circ}23'$ N.

Subdivision of T. 12 S., R. 11 E.

Chains.	S. 0° 09' E. bet. secs. 26 & 27. Over rolling land, through dense brush.
30.25	Old road, brs. WSW. & ENE.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 27 in W., and S 26 in E. half; from which, An ironwood tree 12 ins. diam. brs. N. 59° E. 201 lks. dist., marked $\frac{1}{4}$ S 26 B T. An ironwood tree 15 ins. diam. brs. N. 63° W. 248 lks. dist., marked $\frac{1}{4}$ S 27 B T.
53.00	Wash, 15 lks. wide, course ENE.
60.00	Asc. NW. slope of rocky hill.
78.00	Top of rise, thence along W. slope.
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 & 35, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 27 in NW., S 26 in NE., S 35 in SE., and S 34 in SW. quad.; no bearings available, Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Greasewood, paloverde, cacti, catclaw, sparse grass.
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40.00	N. 89° 50' E. on a random line bet. secs. 26 & 35. Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line 5 lks. S. of cor. of secs. 25, 26, 35 & 36, hereinbefore described, whence I run, S. 89° 48' W. on a true line bet. secs. 26 & 35. Over rolling land, through dense paloverde.
8.00	Wash, 20 lks. wide, course NW.
10.00	Wash, 30 lks. wide, course NW.
20.00	Asc. SE. slope of rocky hill.
35.00	Top of rise, thence along S. slope.
38.00	Desc. SW. slope. Lime quarry 3 chs. to S. of line.
40.07	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 26 in N., and S 35 in S. half; No bearings available. Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
45.00	Gulch, 50 lks. wide, course S., asc. SE. slope.
50.00	Asc. prec.
68.00	Top of S. side of high rocky hill, apex 3 chs. to N., desc. prec. SW. slope.
80.14	To cor. of secs. 26, 27, 34 & 35. Land, rolling, mts. Soil, 3rd rate, gravelly, dry, stony. Paloverde, greasewood, mesquite, catclaw, cacti, sparse grass.

Chains.	
	S. $0^{\circ} 02'$ E. bet. secs. 34 & 35. Over mts. land, desc. SW. slope, through dense brush.
12.50	Foot of slope, brs. NW. & SE., wash, 40 lks. wide, course NW., enter valley.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 34 in W., and S 35 in E. half; from which, An ironwood tree 15 ins. diam. brs. N. 77° E. 173 lks. dist., marked $\frac{1}{4}$ S 35 B T. A paloverde tree 20 ins. diam. brs. S. 48° W. 116 lks. dist., marked $\frac{1}{4}$ S 34 B T.
46.80	Old road, brs. E. & W.
56.30	Wash, 10 lks. wide, course W.
56.40	Old road, brs. NE. & SW.
90.65	Intersect N. bdy. of T. 13 S., R. 11 E., whence cor. of secs. 2, 3, 34 & 35 brs. West, 7.77 chs. dist., which is a mesquite post, marked and witnessed as described by the Surveyor General, which cor. I now change to refer to secs. 2, & 3 of T. 13 S., R. 11 E., only, and destroying the NE. & NW. bearing trees. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 34 & 35, marked on brass cap, C C, S. of centre, 1913 on S. rim, T. 12 S R 11 E, in N. half, S 34 in NW., and S 35 in NE. quad.; from which, A paloverde tree 15 ins. diam. brs. N. 58° E. 153 lks. dist., marked T 12 S R 11 E S 35 C C B T. An ironwood tree 12 ins. diam. brs. N. 24° W. 132 lks. dist., marked T 12 S R 11 E S 34 C C B T.
	Land, rolling, mts. Soil, 3rd rate, stony, gravelly, sandy, loose, dry. Paloverde, catclaw, ironwood, mesquite, cacti, sparse grass. Sept. 13, 1913.

J.B.W.

Subdivision of T. 12 S., R. 11 E.

- Chains. J. B. W.
 Sept. 14, 1913.
 At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,
 on the N. bdy. of the Tp., which is a sandstone 12x6x5
 ins. above ground, marked and witnessed as described
 by the Surveyor General,
 I set off 3°31' N. on the decl. arc, and 32°26' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 S. 0° 19' E. bet. secs. 3 & 4.
 Over gently rolling land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap, 1913 on
 S. rim, ¼ S 4 in W., and
 S 3 in E. half; from which,
 A paloverde tree 12 ins. diam. brs. N. 69¾° E. 150 lks. dist.,
 marked ¼ S 3 B T.
 A paloverde tree 6 ins. diam. brs. S. 8¾° W. 115 lks. dist.,
 marked ¼ S 4 B T.
- 45.30 Wire fence, brs. E. & W.
 67.00 Road, brs. WNW. & ESE.
 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 & 10, marked on
 brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quad.;
- dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
 Land, rolling. Soil, 2nd & 3rd rate, loamy, sandy, loose.
 Paloverde, mesquite, ironwood, greasewood, fair grass.
-
- 40.00 East, on a random line, bet. secs. 3 & 10.
 Set temp. ¼ sec. cor.
 79.94 Intersect N. & S. line 35 lks. S. of cor. of
 secs. 2, 3, 10 & 11, hereinbefore described,
 whence I run,
 S. 89°45' W. on a true line bet. secs. 3 & 10.
 Over rolling land, through scattering brush.
- 30.88 Old road, brs. WNW. & ESE.
 39.97 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap, 1913 on
 S. rim, ¼ S 3 in N., and
 S 10 in S. half;
- 79.94 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 To cor. of secs. 3, 4, 9 & 10.
 Land, gently rolling. Soil, 3rd rate, gravelly, sandy.
 Mesquite, greasewood, paloverde, good grass.
-
- S. 0° 10' E. bet. secs. 9 & 10.
 Over gently rolling land, across grassy plain.
- 17.40 Old road, brs. E. & W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap, 1913 on
 S. rim, ¼ S 9 in W., and
 S 10 in E. half; from which,
 A mesquite tree 6 ins. diam. brs. N. 27½° E. 25 lks. dist.,
 marked ¼ S 10 B T.
 A mesquite tree 7 ins. diam. brs. S. 73° W. 55 lks. dist.,
 marked ¼ S 9 B T.
- 63.00 Wash, 20 lks. wide, course E.
 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 & 16, marked on
 brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE., and
 S 16 in SW. quad.;
- dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, rolling. Soil, 3rd rate, sandy. Greasewood, fair grass.

12

Subdivision of T. 12 S., R. 11 E.

Chains.	N. 89°45' E. on a random line bet. secs. 10 & 15. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. & S. line 2 lks. S. of cor. of
79.90	secs. 10, 11, 14 & 15, hereinbefore described, whence I run, S. 89°44' W., on a true line bet. secs. 10 & 15. Over gently rolling land, through scattering brush.
39.95	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 10 in N., and S 15 in S. half; dig pits 18x18x12 ins. E. & 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.
79.90	To cor. of secs. 9, 10, 15 & 16. Land, gently rolling. Soil, 3rd rate, sandy, gravelly, dry. Greasewood, mesquite brush, good grass. At this cor., at noon, I set off 3°26 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°24' N.
	S. 0° 10' E., bet. secs. 15 & 16. Over gently rolling land, through dense brush.
18.80	Road, Silver Bell to Tucson, brs. WNW. & ESE.
26.05	Road, brs. E. & 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., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 16 in W., and S 15 in E. half; from which, A mesquite tree 10 ins. diam. brs. S. 73 $\frac{1}{4}$ ' E. 235 lks. dist., marked $\frac{1}{4}$ S 15 B T. A mesquite tree 7 ins. diam. brs. N. 52 $\frac{3}{4}$ ' W. 126 lks. dist., marked $\frac{1}{4}$ S 16 B T.
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 & 22, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.; from which, A mesquite tree 10 ins. diam. brs. N. 52° E. 58 lks. dist., marked T 12 S R 11 E S 15 B T. A mesquite tree 10 ins. diam. brs. S. 22° E. 83 lks. dist., marked T 12 S R 11 E S 22 B T. A mesquite tree 8 ins. diam. brs. S. 67° W. 22 lks. dist., marked T 12 S R 11 E S 21 B T. A mesquite tree 8 ins. diam. brs. N. 73° W. 60 lks. dist., marked T 12 S R 11 E S 16 B T. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, greasewood, paloverde, fair grass.
	N. 89°44' E. on a random line bet. secs. 15 & 22. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. & S. line 2 lks. S. of cor. of
79.92	secs. 14, 15, 22 & 23, hereinbefore described, whence I run, S. 89°43' W., on a true line bet. secs. 15 & 22. Over gently rolling land, through scattering brush.
39.96	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S rim, $\frac{1}{4}$ S 15 in N., and S 22 in S. half; dig pits 18x18x12 ins. E. & 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.
79.92	To cor. of secs. 15, 16, 21 & 22. Land, gently rolling. Soil, 3rd rate, sandy, gravelly. Greasewood, mesquite brush, fair grass. Sept. 14, 1913. J. B. W.

Chains.

- Sept. 16, 1913. W. H. E.
At 8h a.m., l.m.t., at the cor. of secs. 15, 16, 21 & 22, hereinbefore described,
I set off $2^{\circ}44\frac{1}{2}'$ N. on the decl. arc, and $32^{\circ}23\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar.
Thence I run,
S. $0^{\circ}19'$ E., bet. secs. 21 & 22.
Over gently rolling land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 21 in W., and S 22 in E. half; from which,
A mesquite tree 8 ins. diam. brs. N. 50° E. 139 lks. dist., marked $\frac{1}{4}$ S 22 B T.
A mesquite tree 6 ins. diam. brs. N. 45° W. 217 lks. dist., marked $\frac{1}{4}$ S 21 B T.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 21, 22, 27 & 28, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quad.; from which,
A mesquite tree 8 ins. diam. brs. N. $71\frac{1}{4}^{\circ}$ E. 345 lks. dist., marked T 12 S R 11 E S 22 B T.
An ironwood tree 8 ins. diam. brs. S. 5° E. 32 lks. dist., marked T 12 S R 11 E S 27 B T.
An ironwood tree 14 ins. diam. brs. S. $22\frac{1}{2}^{\circ}$ W. 24 lks. dist., marked T 12 S R 11 E S 28 B T.
An ironwood tree 12 ins. diam. brs. N. $25\frac{1}{2}^{\circ}$ W. 183 lks. dist., marked T 12 S R 11 E S 21 B T.
- Land, rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Mesquite, greasewood, ironwood, paloverde, fair grass.
-
- N. $89^{\circ}43'$ E. on a random line bet. secs. 22 & 27.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.94 Intersect N. & S. line 5 lks. S. of cor. of secs. 22, 23, 26 & 27, hereinbefore described, whence I run,
S. $89^{\circ}41'$ W. on a true line bet. secs. 22 & 27.
Over rolling land, through scattering brush.
- 10.80 Wash, 15 lks. wide, course N.
39.97 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 22 in N., and S 27 in S. half;
dig pits 18x18x12 ins. E. & 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.
- 79.94 To cor. of secs. 21, 22, 27 & 28.
Land, rolling.
Soil, 3rd rate, gravelly, sandy, loose, dry.
Mesquite, paloverde, greasewood, cacti, sparse grass.
-
- S. $0^{\circ}10'$ E. bet. secs. 27 & 28.
Over rolling land, through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 28 in W., and S 27 in E. half; from which,
A mesquite tree 8 ins. diam. brs. S. $2\frac{1}{2}^{\circ}$ E. 49 lks. dist., marked $\frac{1}{4}$ S 27 B T.
A mesquite tree 15 ins. diam. brs. N. 57° W. 104 lks. dist., marked $\frac{1}{4}$ S 28 B T.
- 64.75 Dim road, brs. E. & W.
76.70 Wash, 20 lks. wide, course NW.

14

Subdivision of T. 12 S., R. 11 E.

Chains. 80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 & 34, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quad.; from which,</p> <p>An ironwood tree 20 ins. diam. brs. N. 41° E. 150 lks. dist., marked T 12 S R 11 E S 27 B T.</p> <p>An ironwood tree 10 ins. diam. brs. S. 63½° E. 110 lks. dist., marked T 12 S R 11 E S 34 B T.</p> <p>An ironwood tree 18 ins. diam. brs. N. 88° W. 102 lks. dist., marked T 12 S R 11 E S 28 B T.</p> <p>No other bearings available, Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, rolling gently. Soil, 3rd rate, sandy, loamy, loose. Ironwood, paloverde, mesquite, catclaw, greasewood.</p>
40.00	N. 89° 41' E. bet. secs. 27 & 34, on a random line.
80.00	Set temp. ¼ sec. cor.
	Intersect N. & S. line 14 lks. N. of cor. of secs. 26, 27, 34 & 35, hereinbefore described, whence I run,
	S. 89° 47' W. on a true line bet. secs. 27 & 34.
	Over mts. land, desc., through dense brush.
12.00	Foot of hill, brs. N. & S., enter valley.
15.00	Wash, 25 lks. wide, course N.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 27 in N., and S 34 in S. half; from which,
	An ironwood tree 6 ins. diam. brs. N. 10° E. 180 lks. dist., marked ¼ S 27 B T.
	An ironwood tree 6 ins. diam. brs. S. 45° E. 140 lks. dist., marked ¼ S 34 B T.
77.00	Wash, 10 lks. wide, course NW.
80.00	To cor. of secs. 27, 28, 33 & 34.
	Land, mts., rolling.
	Soil, 3rd rate, stony, gravelly, sandy.
	Ironwood, mesquite, paloverde, cacti, fair grass.
	S. 0° 10' E. bet. secs. 33 & 34.
	Over gently rolling valley, through dense ironwood, paloverde, greasewood, and mesquite.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 33 in W., and S 34 in E. half; from which,
	A mesquite tree 7 ins. diam. brs. S. 36° E. 32 lks. dist., marked ¼ S 34 B T.
	A paloverde tree 6 ins. diam. brs. S. 70° W. 129 lks. dist., marked ¼ S 33 B T.
58.80	Wash, 10 lks. wide, course NW.
63.30	Wash, 15 lks. wide, course NW.
90.15	Intersect N. bdy. of T. 13 S. R. 11 E., whence cor. of secs. 3, 4, 33 & 34 brs. West, 7.70 chs. dist., which is a mesquite post, marked and witnessed as described by the Surveyor General, which cor. I now change to refer to secs. 3 & 4 of T. 13 S., R. 11 E., only, and destroying the NE. & NW. bearing trees.
	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 33 & 34, marked on brass cap, C C, S. of centre, 1913 on S. rim, T 12 S R 11 E, in N. half, S 33 in NW., and S 34 in NE. quad.; from which,
	A mesquite tree 6 ins. diam. brs. N. 18° E. 200 lks. dist., marked T 12 S R 11 E S 34 C C B T.
	An ironwood tree 8 ins. diam. brs. N. 72° W. 102 lks. dist., marked T 12 S R 11 E S 33 C C B T.
	Land, rolling. Soil, 3rd rate, sandy. Sept. 16, 1913. W. H. E.

Chains.

Sept. 15, 1913. W. H. E.
At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33,
on the N. bdy. of the Tp., which is a granite stone
6x6x6 ins. above ground, marked and witnessed as
described by the Surveyor General,
I set off 3°08' N. on the decl. arc, and 32°26' N. on the
lat. arc, and determine a meridian with the solar.

Thence I run,
S. 0° 10' E. bet. secs. 4 & 5.

Over gently rolling land, through scattering greasewood
and mesquite brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for ¼ sec. cor., marked on brass cap, 1913 on
S. rim, ¼ S 5 in W., and
S 4 in E. half; no bearings available,
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.

40.10 Wire fence, brs. E. & W.

71.60 Road, brs. WNW. & ESE.

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 & 9, marked on
brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 5 in NW.,
S 4 in NE.,
S 9 in SE., and
S 8 in SW. quad.; no bearings available,
dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land, gently rolling.
Soil, 3rd rate, sandy, gravelly, loamy, loose, dry.
Greasewood, mesquite, catclaw, sparse grass.

Having retraced the N. bdy. of the Tp., and determined the
true bearing of the line, I run,

N. 89°50' E. on a random line bet. secs. 4 & 9.

40.00 Set temp. ¼ sec. cor.

79.76 Intersect N. & S. line 5 lks. S. of cor. of
secs. 3, 4, 9 & 10, hereinbefore described,
whence I run,

S. 89°48' W. on a true line bet. secs. 4 & 9.

Over gently rolling land, through scattering brush.

30.00 Road, brs. NW. & SE.

39.88 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for ¼ sec. cor., marked on brass cap, 1913 on
S. rim, ¼ S 4 in N., and
S 9 in S. half;

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

79.76 To cor. of secs. 4, 5, 8 & 9.
Land, gently rolling. Soil, 3rd rate, gravelly, dry.
Greasewood, mesquite brush, fair grass.

S. 0° 10' E. bet. secs. 8 & 9.

Over gently rolling land, through scattering brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for ¼ sec. cor., marked on brass cap, 1913 on
S. rim, ¼ S 8 in W., and
S 9 in E. half;

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

79.20 Road, brs. E. & W., Silver Bell to Tucson.

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 & 17, marked on
brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 8 in NW.,
S 9 in NE.,
S 16 in SE., and
S 17 in SW. quad.;

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

Land, gently rolling. Soil, 3rd rate, gravelly, dry.
Greasewood, sparse mesquite, fair grass.

Chains.	N. 89°48' E. on a random line bet. secs. 9 & 16. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. & S. line at cor. of secs. 9, 10, 15 & 16, hereinbefore described, whence I run,
79.80	S. 89°48' W. on a true line bet. secs. 9 & 16. Over gently rolling land, through scattering brush.
38.85	Road, brs. WNW. & ESE., Silver Bell to Tucson.
39.90	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 9 in N., and S 16 in S. half; dig pits 18x18x12 ins. E. & 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. At this cor., at noon, I set off 3°3 $\frac{1}{2}$ ' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°24' N.
79.80	To cor. of secs. 8, 9, 16 & 17. Land, gently rolling. Soil, 3rd rate, gravelly, dry. Mesquite brush, greasewood, fair grass.
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	S. 0° 10' E. bet. secs. 16 & 17. Over gently rolling land, through scattering brush.
36.00	Road, brs. WNW. & ESE.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 17 in W., and S 16 in E. half; dig pits 18x18x12 ins. N. & 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. 16, 17, 20 & 21, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 17 in NW., S 16 in NE., S 21 in SE., and S 20 in SW. quad.; from which, A mesquite tree 4 ins. diam. brs. N. 60° E. 247 lks. dist., marked T 12 S R 11 E S 16 B T. A mesquite tree 4 ins. diam. brs. S. 74° E. 207 lks. dist., marked T 12 S R 11 E S 21 B T. A mesquite tree 4 ins. diam. brs. S. 74° W. 97 lks. dist., marked T 12 S R 11 E S 20 B T. A mesquite tree 6 ins. diam. brs. N. 7 $\frac{1}{2}$ ° W. 214 lks. dist., marked T 12 S R 11 E S 17 B T. Land, rolling gently. Soil, 3rd rate, sandy, loose, dry. Greasewood, mesquite, fair grass.
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40.00	N. 89°48' E. on a random line bet. secs. 16 & 21. Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. & S. line 9 lks. N. of cor. of secs. 15, 16, 21 & 22, hereinbefore described, whence I run.
	S. 89°52' W. on a true line bet. secs. 16 & 21. Over gently rolling land, through scattering brush.
39.96	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 16 in N., and S 21 in S. half; dig pits 18x18x12 ins. E. & 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.
79.92	To cor. of secs. 16, 17, 20 & 21. Land, gently rolling. Soil, 3rd rate, sandy, gravelly, loose, dry. Greasewood, mesquite brush, fair grass. Sept. 15, 1913. W.H.E.

FDW 276

Subdivision of T. 12 S., R. 11 E.

17

- Chains. W. H. E.
Sept. 18, 1913.
At 8h a.m., l.m.t., at the cor. of secs. 16, 17, 20 & 21,
hereinbefore described,
I set off $1^{\circ}58'N.$ on the decl. arc, and $32^{\circ}23\frac{1}{2}'N.$ on
the lat. arc, and determine a meridian with the solar.
Thence I run,
S. $0^{\circ}10' E.$ bet. secs. 20 & 21.
- 40.00 Over gently rolling land, through scattering brush.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
S. rim, $\frac{1}{4}$ S 20 in W., and
S 21 in E. half; from which,
A mesquite tree 4 ins. diam. brs. S. $75\frac{1}{4}^{\circ}E.$ 18 lks. dist.,
marked $\frac{1}{4}$ S 21 B T.
A mesquite tree 8 ins. diam. brs. N. $60\frac{3}{4}^{\circ}W.$ 164 lks. dist.,
marked $\frac{1}{4}$ S 20 B T.
- 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 & 29, marked on
brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 20 in NW.,
S 21 in NE.,
S 28 in SE., and
S 29 in SW. quad.;
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, gently rolling.
Soil, 3rd rate, gravelly, sandy, loose, dry.
Greasewood, mesquite, cacti, fair grass.
-
- 40.00 N. $89^{\circ}52' E.$ on a random line bet. secs. 21 & 28.
Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect N. & S. line 5 lks. N. of cor. of
secs. 21, 22, 27 & 28, hereinbefore described,
whence I run,
S. $89^{\circ}54' W.$ on a true line bet. secs. 21 & 28.
Over gently rolling land, through scattering brush.
- 23.30 Wash, 10 lks. wide, course N.
39.95 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
S. rim, $\frac{1}{4}$ S 21 in N., and
S 28 in S. half;
dig pits 18x18x12 ins. E. & 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.
- 79.90 To cor. of secs. 20, 21, 28 & 29.
Land, gently rolling.
Soil, 3rd rate, sandy, gravelly, dry.
Mesquite, greasewood, cacti, sparse grass.
-
- 40.00 S. $0^{\circ}10' E.$ bet. secs. 28 & 29.
Over gently rolling land, through scattering brush.
Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
S. rim, $\frac{1}{4}$ S 29 in W., and
S 28 in E. half; no bearings available,
dig pits 18x18x12 ins. N. & 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, 15 lks. wide, course NW., enter dense brush.
75.00 Dim road, brs. ENE. & WSW.
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 & 33, marked on
brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim,
S 29 in NW.,
S 28 in NE.,
S 33 in SE., and
S 32 in SW. quad.; from which,
A mesquite tree 8 ins. diam. brs. N. $66^{\circ}E.$ 206 lks. dist.,
marked T 12 S R 11 E S 28 B T.
A mesquite tree 8 ins. diam. brs. S. $14\frac{3}{4}^{\circ}E.$ 377 lks. dist.,
marked T 12 S R 11 E S 33 B T.
A mesquite tree 8 ins. diam. brs. S. $41\frac{3}{4}^{\circ}W.$ 75 lks. dist.,
marked T 12 S R 11 E S 32 B T.
A mesquite tree 8 ins. diam. brs. N. $14\frac{1}{2}^{\circ}W.$ 76 lks. dist.,
marked T 12 S R 11 E S 29 B T.

Chains.	<p>Land, gently rolling. Soil, 3rd rate, sandy, gravelly, dry, loose. Mesquite, paloverde, ironwood, sparse grass. At this cor., at noon, I set off 1°54' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°21½' N.</p>
40.00	N. 89°54' E. on a random line bet. secs. 28 & 33.
79.88	Set temp. ¼ sec. cor. Intersect N. & S. line 9 lks. S. of cor. of secs. 27, 28, 33 & 34, hereinbefore described, whence I run, S. 89°50' W. on a true line bet. secs. 28 & 33. Over gently rolling land, through dense brush.
35.00	Wash, 30 lks. wide, course NW.
39.94	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 28 in N., and S 33 in S. half, no bearings available, dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
79.88	To cor. of secs. 28, 29, 32 & 33. Land, gently rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Mesquite, greasewood, paloverde, ironwood, sparse grass.
40.00	S. 0° 10' E. bet. secs. 32 & 33. Over gently rolling land, through dense brush. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 32 in W., and S 33 in E. half; from which, A mesquite tree 12 ins. diam. brs. S. 31° E. 107 lks. dist., marked ¼ S 33 B T. A mesquite tree 12 ins. diam. brs. N. 65° W. 130 lks. dist., marked ¼ S 32 B T.
50.00	Wash, 10 lks. wide, course NW.
53.50	Wash, 15 lks. wide, course NW.
89.92	Intersect N. bdy. of T. 13 S., R. 11 E., whence cor. of secs. 4, 5, 32 & 33, brs. West, 7.92 chs. dist., which is an ironwood post, marked and witnessed as described by the Surveyor General, which cor. I change to refer to secs. 4 & 5 of T. 13 S., R. 11 E. only, destroying the NE. & NW. bearing trees. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 32 & 33, marked on brass cap, C C, S. of centre, 1913 on S. rim, T 12 S R 11 E, in N. half, S 32 in NW., and S 33 in NE. quad.; from which, An ironwood tree 20 ins. diam. brs. N. 23° E. 112 lks. dist., marked T 12 S R 11 E S 33 C C B T. A mesquite tree 10 ins. diam. brs. N. 54½° W. 155 lks. dist., marked T 12 S R 11 E S 32 C C B T.
	<p>Land, gently rolling. Soil, 3rd rate, gravelly, dry, sandy, loose. Mesquite, paloverde, ironwood, sparse grass. Sept. 18, 1913. W. H. E.</p>

Chains.	
	Sept. 16, 1913. J. B. W. At 7h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on the N. bdy. of the Tp., which is a volcanic stone 6x6x6 ins. above ground, marked and witnessed as described, by the Surveyor General, I set off $2^{\circ}46\frac{1}{2}'$ N. on the decl. arc, and $32^{\circ}26'$ N. on the lat. arc, and determine a meridian with the solar. thence I run, S. $0^{\circ}11'$ E. bet. secs. 5 & 6. Over gently rolling land, through scattering brush.
35.00	Wire fence, brs. E. & W., cor. about 5 chs. W. turns to N.
35.30	Dim road, brs. NW. & 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., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 6 in W., and S 5 in E. half; dig pits 18x18x12 ins. N. & 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. 5, 6, 7 & 8, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quad.; no bearings available, 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, gently rolling. Soil, 3rd rate, gravelly, dry. Greasewood, sparse mesquite, fair grass.
40.00	N. $89^{\circ}48'$ E. on a random line bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. & S. line 2 lks. S. of cor. of secs. 4, 5, 8 & 9, hereinbefore described, whence I run, S. $89^{\circ}47'$ W. on a true line bet. secs. 5 & 8. Over gently rolling land, through scattering brush.
39.94	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 5 in N., and S 8 in S. half; dig pits 18x18x12 ins. E. & 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.
79.88	To cor. of secs. 5, 6, 7 & 8. Land, gently rolling, drains to N. Soil, 3rd rate, sandy, gravelly, dry, loose. Sparse mesquite, greasewood, fair grass.
30.75	S. $89^{\circ}50'$ W. bet. secs. 6 & 7. Over gently rolling land, through scattering brush. Road, brs. NW. & SE.
34.50	Wash, 25 lks. wide, course NW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 6 in N., and S 7 in S. half; dig pits 18x18x12 ins. E. & 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.
88.32	Intersect W. bdy. of T. 12 S., R. 10 E., whence cor. of secs. 1 & 12 brs. South, 9.36 chs. dist., re-established by me and described in Book "A." Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 6 & 7, marked on brass cap, C C, W. of centre, 1913 on S. rim, T 12 S in N., and S 1, S 12, R 10 E in W. half, S 6 in NE., and S 7, R 11 E, in SE. quad.; dig pits 24x18x12 ins. crosswise on each line, N. & S. 3 ft., and E. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high E. of cor. Land, rolling. Soil, 3rd rate, sandy. Greasewood, fair grass.

Chains.	S. 0° 11' E., bet. secs. 7 & 8. Over gently rolling land, through scattering brush. As cor. point will fall in wash, at
39.30	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap, W C $\frac{1}{4}$ S. of centre, 1913 On S. rim, S 7 in NW., and S 8 in NE. quad.;; dig pits 18x18x12 ins. N. & 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.
40.00	Wash, 10 lks. wide, course NNW. Point for $\frac{1}{4}$ sec. cor.
60.50	Road, brs. WNW. & ESE.
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 & 18, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quad.;; dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, sandy, gravelly, loose. Greasewood, mesquite brush, fair grass.
40.00	N. 89° 47' E. on a random line bet. secs. 8 & 17. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. & S. line $2\frac{1}{2}$ lks. N. of cor. of secs. 8, 9, 16 & 17, hereinbefore described, whence I run, S. 89° 48' W. on a true line bet. secs. 8 & 17.
39.95	Over gently rolling land, through scattering brush. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 8 in N., and S 17 in S. half; dig pits 18x18x12 ins. E. & 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.
79.90	To cor. of secs. 7, 8, 17 & 18. Land, gently rolling. Soil, 3rd rate, sandy, loose, dry. Greasewood, mesquite brush, fair grass. At this cor. at noon, I set off 2° 40' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32° 24' N.
35.00	S. 89° 50' W. bet. secs. 7 & 18. Over gently rolling land, through scattering brush. Wash, 20 lks. wide, course NW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 7 in N., and S 18 in S. half; dig pits 18x18x12 ins. E. & 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.
88.66	Intersect E. bdy. of T. 12 S., R. 10 E., whence cor. of secs. 12 & 13 brs. South, 9.23 chs. dist., an iron post as reestablished by me and described in Book "A." Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 7 & 18, marked on brass cap, 1913 on S. rim, C C W of center, T 12 S in N and S 12, S 13, R 10 E, in W. half, S 7 in NE., and S 18, R 11 E, in SE. quad.;; dig pits 24x18x12 ins. crosswise on each line, N. & S. 3 ft., and E. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high E. of cor. Land, gently rolling. Soil, 3rd rate, sandy, loose, dry. Greasewood, mesquite brush, fair grass.

Chains.	S. 0° 11' E. bet. secs. 17 & 18. Over gently rolling land, through dense brush.
35.50	Road, brs. E. & 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., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 18 in W., and S 17 in E. half; from which, A mesquite tree 6 ins. diam. brs. N. 23 $\frac{1}{4}$ ° E. 210 lks. dist., marked $\frac{1}{4}$ S 17 B T. A mesquite tree 10 ins. diam. brs. N. 30° W. 75 lks. dist., marked $\frac{1}{4}$ S 18 B T.
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 & 20, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. quad.; from which, A mesquite tree 6 ins. diam. brs. N. 59° E. 167 lks. dist., marked T 12 S R 11 E S 17 B T. A mesquite tree 8 ins. diam. brs. S. 9 $\frac{1}{4}$ ° E. 147 lks. dist., marked T 12 S R 11 E S 20 B T. A mesquite tree 15 ins. diam. brs. S. 36° W. 167 lks. dist., marked T 12 S R 11 E S 19 B T. A mesquite tree 12 ins. diam. brs. N. 32° W. 291 lks. dist., marked T 12 S R 11 E S 18 B T.
	Land, gently rolling. Soil, 3rd rate, sandy, gravelly, dry, loose. Greasewood, mesquite, cacti, fair grass.
40.00	N. 89° 48' E. on a random line bet. secs. 17 & 20. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line 5 lks. N. of cor. of secs. 16, 17, 20 & 21, hereinbefore described, whence I run, S. 89° 50' W. on a true line bet. secs. 17 & 20. Over gently rolling land, through dense brush.
39.97	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 17 in N., and S 20 in S. half; from which, A mesquite tree 10 ins. diam. brs. S. 39° E. 18 lks. dist., marked $\frac{1}{4}$ S 20 B T. A mesquite tree 12 ins. diam. brs. N. 32° W. 14 lks. dist., marked $\frac{1}{4}$ S 17 B T.
79.94	To cor. of secs. 17, 18, 19 & 20. Land, gently rolling. Soil, 3rd rate, sandy, gravelly. Mesquite, greasewood, few cacti, fair grass.
40.00	S. 89° 50' W. bet. secs. 18 & 19. Over gently rolling land, through dense brush. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on S. rim, $\frac{1}{4}$ S 18 in N., and S 19 in S. half; from which, A mesquite tree 6 ins. diam. brs. N. 81° E. 116 lks. dist., marked $\frac{1}{4}$ S 18 B T. A mesquite tree 6 ins. diam. brs. S. 71° E. 115 lks. dist., marked $\frac{1}{4}$ S 19 B T.
88.94	Intersect E. bdy. of T. 12 S., R. 10 E., whence cor. of secs. 13 & 24 brs. South, 9.25 chs. dist., an iron post as reestablished by me and described in Book "A." Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 18 & 19, marked on brass cap, C C, W. of centre, 1913 on S. rim, T 12 S in N., and S 13, S 24, R 10 E, in W. half, S 18 in NE., and S 19, R 11 E in SE. quad.; dig pits 24x18x12 ins., crosswise on each line, N. & S. 3 ft., and E. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high E. of cor. Land, rolling. Soil, 3rd rate, sandy. Greasewood, mesquite. Sept. 16, 1913. J B W

Chains.	<p>J. B. W. Sept. 18, 1913. At 7h a.m., l.m.t., at the cor. of secs. 17, 18, 19 & 20, hereinbefore described, I set off 2°0' N. on the decl. arc, and 32°23½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, S. 0° 11' E. bet. secs. 19 & 20. Over gently rolling land, through dense brush.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 19 in W., and S 20 in E. half, from which, A mesquite tree 6 ins. diam. brs. S. 77° E. 76 lks. dist., marked ¼ S 20 B T. A mesquite tree 8 ins. diam. brs. S. 50° W. 37 lks. dist., marked ¼ S 19 B T.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; from which, A mesquite tree 7 ins. diam. brs. N. 7¼° E. 53 lks. dist., marked T 12 S R 11 E S 20 B T. A mesquite tree 6 ins. diam. brs. S. 67° E. 30 lks. dist., marked T 12 S R 11 E S 29 B T. A mesquite tree 6 ins. diam. brs. S. 34¼° W. 92 lks. dist., marked T 12 S R 11 E S 30 B T. A mesquite tree 7 ins. diam. brs. N. 56¼° W. 170 lks. dist., marked T 12 S R 11 E S 19 B T. Land, gently rolling. Soil, 3rd rate, sandy, loose, dry. Mesquite, paloverde, cacti, greasewood, fair grass.</p>
40.00	<p>N. 89°50' E. on a random line bet. secs. 20 & 29. Set temp. ¼ sec. cor.</p>
79.92	<p>Intersect N. & S. line at cor. of secs. 20, 21, 28 & 29, whence I run, S. 89°50' W. on a true line bet. secs. 20 & 29. Over gently rolling land, through dense brush.</p>
39.96	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 20 in N., and S 29 in S. half; from which, A mesquite tree 12 ins. diam. brs. S. 30° W. 120 lks. dist., marked ¼ S 29 B T. A mesquite tree 10 ins. diam. brs. N. 62° W. 118 lks. dist., marked ¼ S 20 B T.</p>
79.92	<p>To cor. of secs. 19, 20, 29 & 30. Land, gently rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Mesquite, paloverde, greasewood, cacti, sparse grass.</p>
40.00	<p>S. 89°50' W. bet. secs. 19 & 30. Over gently rolling land, through dense brush. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 on S. rim, ¼ S 19 in N., and S 30 in S. half; no bearings available, dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.</p>

Subdivision of T. 12 S., R. 11 E.

Chains.

89.18 Intersect E. bdy. of T. 12 S., R. 10 E., whence cor. of secs. 24 & 25 brs. South, 9.30 chs. dist., an iron post, as reestablished by me and described in Book "A." Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 19 & 30, marked on brass cap, C C, W. of centre, 1913 on S. rim, T 12 S in N., and S 24, S 25, R 10 E, in W. half, S 19 in NE., and S 30, R 11 E, in SE. quad.; from which, A mesquite tree 6 ins. diam. brs. N. 34° E. 67 lks. dist., marked T 12 S R 11 E S 19 C C B T. A mesquite tree 9 ins. diam. brs. S. 37° E. 117 lks. dist., marked T 12 S R 11 E S 30 C C B T.

Land, gently rolling.
Soil, 3rd rate, sandy, gravelly, loose, dry.
Mesquite, paloverde, catclaw, cacti, sparse grass.

S. 0° 11' E. bet. secs. 29 & 30.
Over gently rolling land, through dense brush.
34.00 Wash, 20 lks. wide, course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1913 on S. rim, 1/4 S 30 in W., and S 29 in E. half; no bearings available, dig pits 18x18x12 ins. N. & 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. 29, 30, 31 & 32, marked on brass cap, T 12 S R 11 E, in N. half, 1913 on S. rim, S 30 in NW., S 29 in NE., S 32 in SE., and S 31 in SW. quad.; from which, A mesquite tree 8 ins. diam. brs. N. 49° E. 71 lks. dist., marked T 12 S R 11 E, S 29 B T. A mesquite tree 12 ins. diam. brs. S. 61° E. 209 lks. dist., marked T 12 S R 11 E S 32 B T. A mesquite tree 10 ins. diam. brs. S. 4 1/2° W. 144 lks. dist., marked T 12 S R 11 E S 31 B T. A mesquite tree 10 ins. diam. brs. N. 33° W. 102 lks. dist., marked T 12 S R 11 E S 30 B T.

Land, gently rolling.
Soil, 3rd rate, gravelly, dry.
Mesquite, greasewood, paloverde, catclaw, cacti, sparse grass.

At this cor., at noon, I set off 1° 54' N. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is 32° 21 1/2' N.

N. 89° 50' E. on a random line bet. secs. 29 & 32.
40.00 Set temp. 1/4 sec. cor.
79.98 Intersect N. & S. line 2 lks. S. of cor. of secs. 28, 29, 32 & 33, hereinbefore described, whence I run, S. 89° 49' W. on a true line bet. secs. 29 & 32.
Over gently rolling land, through dense, heavy mesquite.

37.30 Dim road, brs. ENE. & WSW.
39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1913 on S. rim, 1/4 S 29 in N., and S 32 in S. half; from which, An ironwood tree 12 ins. diam. brs. N. 37° E. 36 lks. dist., marked 1/4 S 29 B T. A mesquite tree 8 ins. diam. brs. S. 71° E. 36 lks. dist., marked 1/4 S 32 B T.

55.00 Wash, 20 lks. wide, course NW.
79.98 To cor. of secs. 29, 30, 31 & 32.
Land, gently rolling.
Soil, 3rd rate, sandy, loose, gravelly, dry.
Mesquite, ironwood, paloverde, cacti, sparse grass.

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Subdivision of T. 12 S., R. 11 E.

Chains. S. 89°50' W. bet. secs. 30 & 31.
 Over gently rolling land, through scattering brush.
 30.00 Enter dense brush, brs. N. & S.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 30 in N., and
 S 31 in S. half; from which,
 A mesquite tree 6 ins. diam. brs. N. 27° E. 124 lks. dist.,
 marked $\frac{1}{4}$ S 30 B T.
 A mesquite tree 9 ins. diam. brs. S. 53° E. 93 lks. dist.,
 marked $\frac{1}{4}$ S 31 B T.
 74.00 Wash, 10 lks. wide, course NW.
 89.47 Intersect E. bdy. of T. 12 S., R. 10 E., whence
 cor. of secs. 25 & 36 brs. South, 9.33 chs. dist., an
 iron post, (as reestablished by me and described in Book "A."
 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 30 & 31, marked on
 brass cap, C C, W. of centre, 1913 on S. rim,
 T 12 S in N., and)
 S 25, S 36, R 10 E, in W. half,
 S 30 in NE., and
 S 31, R 11 E, in SE. quad.; from which,
 A mesquite tree 10 ins. diam. brs. N. 14° E. 233 lks. dist.,
 marked T 12 S R 11 E S 30 C C B T.
 A mesquite tree 8 ins. diam. brs. S. 17° E. 135 lks. dist.,
 marked T 12 S R 11 E S 31 C C B T.
 Land, gently rolling. Soil, 3rd rate, gravelly, sandy, dry.
 Mesquite, greasewood, paloverde, sparse grass.

S. 0° 11' E. bet. secs. 31 & 32.
 Over gently rolling land, through dense brush.
 12.40 Dim road, brs. WSW. & ENE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 on
 S. rim, $\frac{1}{4}$ S 31 in W., and
 S 32 in E. half; no bearings available,
 dig pits 18x18x12 ins. N. & 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.
 49.00 Wash, 10 lks. wide, course NW.
 89.50 Intersect N. bdy. of T. 13 S., R. 11 E., whence
 cor. of secs. 5, 6, 31 & 32, brs. West, 7.88 chs. dist.,
 which is an ironwood post, marked and witnessed as
 described by the Surveyor General, which cor. I now
 change to refer to secs. 5 & 6 of T. 13 S., R. 11 E.,
 only, and destroying the NE. & NW. bearing trees.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for closing cor. of secs. 31 & 32, marked on
 brass cap, C C, S. of centre, 1913 on S. rim,
 T 12 S R 11 E, in N. half,
 S 31 in NW., and
 S 32 in NE. quad.; no bearings available,
 dig pits 24x18x12 ins. crosswise on each line,
 E. & W. 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, gently rolling. Soil, 3rd rate, sandy, gravelly, dry.
 Mesquite, paloverde, greasewood, sparse grass. J. B. W.

General Description.

T. 12 S., R. 11 E. is in general smooth or gently rolling
 land, covered with mesquite, greasewood, paloverde,
 ironwood, catclaw, with some open grassy land in places.
 There is no water in the Tp. The only settlement noted is
 that of V. S. Griffith and J. M. Pacheco, jointly owned,
 a small house, with well, located in the NE. $\frac{1}{4}$ of sec. 3.
 The land lying on the lower ground which is the bottom l
 land of the Santa Cruz River, in NE. portion of the Tp.
 is fertile, and susceptible of dry farming.

Sept. 18, 1913.

Jesse B. Wright
William H. Elliott
 U. S. Surveyors.

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BOOK 2747

For FINAL OATH OF UNITED STATES SURVEYORS.
See Book "D."

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. DECEMBER 30, 1914

The foregoing field notes of the survey of *the* _____

*Subdivision lines of
Township No. 12 South, Range No. 11 East of the
Gilman Salt River Base and Meridian, Arizona*

executed by *Jesse B. Wright and William H. Elliott, U.S. Surveyors* under ~~his~~ special instructions ~~dated~~ *for Group 30 dated July 24*, 1913, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. 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.~~