

Subdivisions

BOOK 2947

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 16 NORTH, RANGE 17 WEST,

2947

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Albert Smith, Jr., U.S. Surveyor,

and

J. M. McKinney, Jr., U.S. Transitman,

2947

under instructions dated December 28., 1914.,
issued by the United States Surveyor General to govern surveys included in
Group No. 42, which were approved by the Commissioner of the General Land
Office, January 22., 1915.

Survey commenced May 12., 1915.

Survey completed May 18., 1915.

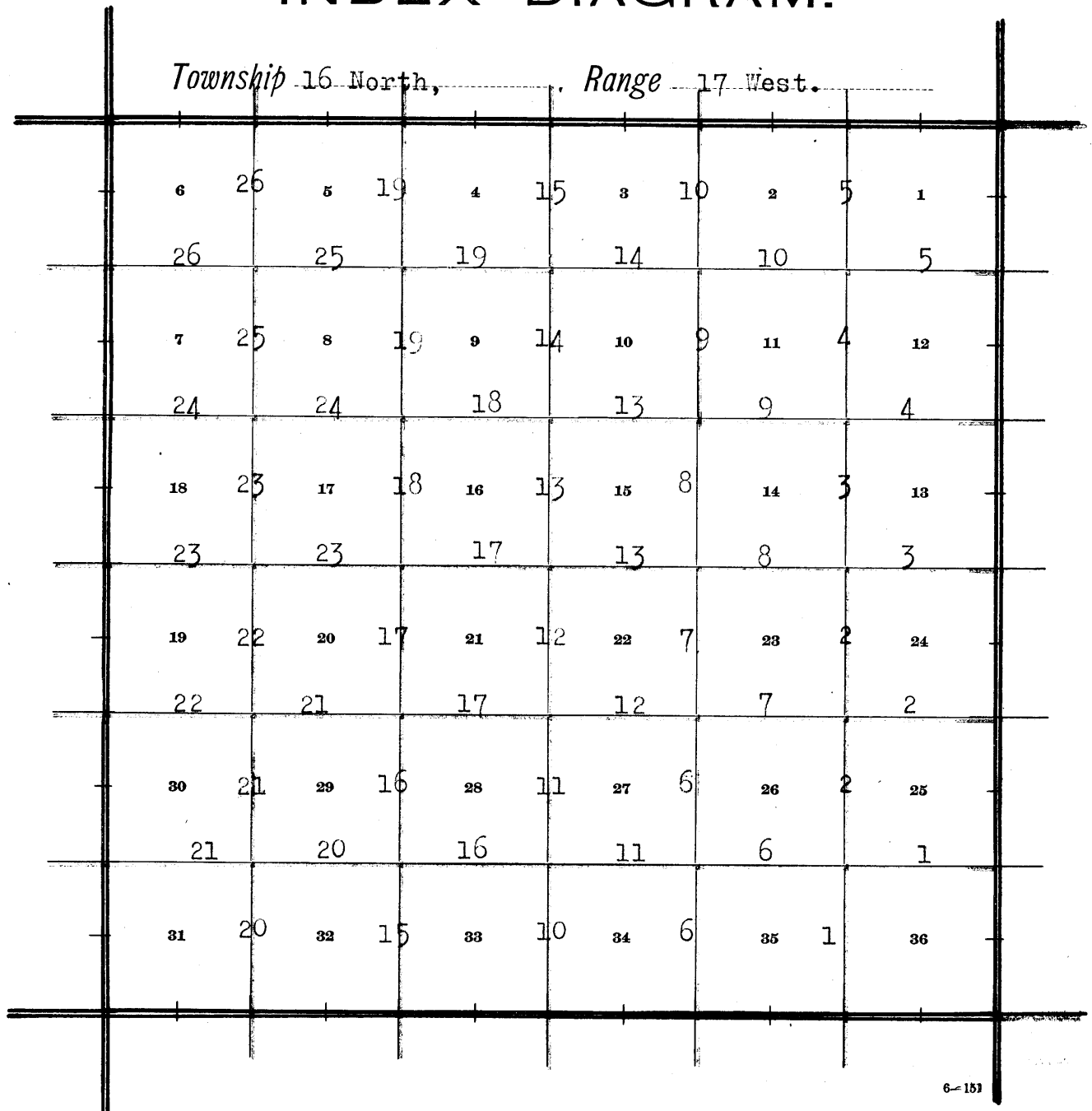
Executed under assignment
Instructions dated Jan. 28, 1915.

1A

Book "0"
 Group 42, Arizona
 (Subdivisions)

BOOK 2947

INDEX DIAGRAM.



6-151

- Township Exteriors. Notes in Book "A"
- Subdivision lines surveyed under this Group.
- Lines surveyed under Group 41.

Chains

Survey commenced May 12, 1915, and executed jointly by Albert Smith, Jr., U. S. Surveyor, and J. M. McKinney, Jr., U. S. Transitman, with Young and Sons' light mountain transits Nos. 8540 and 8483, respectively, with Smith solar attachments. For description of instruments and certificate of approval, see Book "A", and subdivision of T. 13 N., R. 18 W. in book "C".

In the following field notes, the initials A. S. and J. M. M. refer to Albert Smith, Jr., U. S. Surveyor, and J. M. McKinney, Jr., U. S. Transitman, respectively.

Knowing from recent and repeated tests of these instruments on a meridian established by observations on Polaris at elongation, that they are in adjustment, we proceed to the subdivision of T. 16 N., R. 17 W.

A. S. and J. M. M.

May 13, 1915. J. M. M.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A", I run

N.0° 1' W., bet. secs. 35 and 36.

40.00 Over rolling, desert land, through dense undergrowth, Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1915 on S. rim;

$\frac{1}{4}$ in N.,

S36 in E. and

S35 in W. 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., 28 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;

T16N R17W in N. half;

S26 in NW.,

S25 in NE.,

S36 in SE. and

S35 in SW. 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, rolling desert, drains W.

Soil, sandy loam, 2nd and 3rd rate; gravel subsoil at 24 ins.

No timber.

Undergrowth, yucca, greasewood and cacti.

May 13, 1915: At this cor., I set off 18° 16' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 42' N.

40.00 N.89° 57' E., on a random line, bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by me, as described in Book "A".

Thence I run

S.89° 54' W., on a true line, bet. secs. 25 and 36.

39.98 Over rolling, desert land, through scattering undergrowth, Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1915 on S. rim;

S25 in N.,

S36 in S. and

$\frac{1}{4}$ in W. 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.

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high, N. of cor.
 79.96 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling desert, drains W.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 13, 1915.

May 14, 1915.
 N.0° 1' W., bet. secs. 25 and 26.
 40.00 Over rolling desert land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S25 in E. and
 S26 in W. 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.

90.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, marked on
 brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S23 in NW.,
 S24 in NE.,
 S25 in SE. and
 S26 in SW. 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, rolling desert, drains SW.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.05 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs.
 19, 24, 25 and 30, which is an iron post, established
 by me, as described in Book "A".

Thence I run
 S.89° 57' W., on a true line, bet. secs. 24 and 25.
 40.02 $\frac{1}{2}$ Over rolling desert land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S24 in N.,
 S25 in S. and
 $\frac{1}{4}$ in W. 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.

80.05 The cor. of secs. 23, 24, 25 and 26.
 Land, rolling desert, drains SW.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocatilla and cacti.

N.0° 1' W., bet. secs. 23 and 24.
 Over rolling, desert land, through scattering undergrowth.

Subdivision of T. 16 N., R. 17 W.

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40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S24 in E. and
 S23 in W. 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.

74.40 Wash, 40 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S14 in NW.,
 S13 in NE.,
 S24 in SE. and
 S23 in SW. 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, rolling desert; drains SW.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, cat claw, yucca and cacti.
 May 14, 1915; At this cor., I set off $18^{\circ} 31'$ N; on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 43\frac{1}{2}'$ N.

40.00 N. $89^{\circ} 57'$ E., on a random line, bet. secs. 13 and 24.

80.05 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by me, as described in Book "A".

Thence I run
 S. $89^{\circ} 56'$ W., on a true line, bet. secs. 13 and 24.
 Over rolling land, through scattering undergrowth.

40.02 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S13 in N.,
 S24 in S. and
 $\frac{1}{4}$ in W. 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.

66.85 Wash, 40 lks. wide, course SW.

80.05 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling desert; drains SW.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, cat claw, yucca and cacti.
 May 14, 1915.

May 20, 1915: At 8 hrs. 28 m., a.m., l.m.t., I set off $34^{\circ} 43\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 51\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24.

Thence I run
 N. $0^{\circ} 1'$ W., bet. secs. 13 and 14.

Over rolling, desert land, through scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;

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Chains.

80.00 $\frac{1}{4}$ in N.,
 S13 in E. and
 S14 in W. 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.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S11 in NW.,
 S12 in NE.,
 S13 in SE. and
 S14 in SW. 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, rolling desert; drains SW.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca and cacti.

40.00 N.89° 56' E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me, as described in Book "A".
 Thence I run
 39.99 S.89° 57' W., on a true line, bet. secs. 12 and 13.
 Over rolling, desert land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S12 in N.,
 S13 in S. and
 $\frac{1}{4}$ in W. 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.
 58.60 Road, brs. NW. and SE.
 79.98 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling desert.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 20, 1915: At this cor., I set off 19° 53' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 44 $\frac{1}{2}$ ' N.

13.80 N.0° 1' W., bet. secs. 11 and 12.
 Over rolling, desert land, through dense undergrowth.
 Road, brs. NW. and SE.
 16.40 Wash, 3 chs. wide, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S12 in E. and
 S11 in W. 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., 28 ins. in the

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ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap

- 1915 on S. rim;
- T16N R17W in N. half;
- S2 in NW.,
- S1 in NE.,
- S12 in SE. and
- S11 in SW. quadrant;

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling desert.

Soil, sandy loam, depth unknown; 2nd and 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00

N.89° 57' E., on a random line, bet. secs. 1 and 12.

80.07

Set temp. ¼ sec. cor.

Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, established by me, as described in Book "A".

Thence I run

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

Over rolling desert land, through scattering undergrowth.

39.05

Small, rocky knoll brs. N. about 8 chs. dist.

40.03½

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap

- 1915 on S. rim;
- S1 in N.,
- S12 in S. and
- ¼ in W. half;

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.07

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

Land, rolling desert; drains SW.

Soil, sandy loam, depth unknown; 2nd and 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00

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

80.00

Set temp. ¼ sec. cor.

Intersect N. bdy. of Tp., 19 lks. W. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, established by me, as described in Book "A".

Thence I run

S.0° 7' W., on a true line, bet. secs. 1 and 2.

Over rolling desert land, through scattering undergrowth.

40.00

Set an iron post, 3 ft. long, 1 ins. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap

- 1915 on S. rim;
- ¼ in N.,
- S1 in E. and
- S2 in W. half;

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

67.50

Small, rocky knoll, brs. E. about 9 chs. dist.

80.00

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

Land, rolling desert.

Soil, sandy loam, depth unknown; 2nd and 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

May 20, 1915.

6.

Subdivision of T. 16 N., R. 17 W.

Chains.

May 13, 1915: At 9 hrs. a.m., l.m.t., I set off $34^{\circ} 41'$ N. on the lat. arc; $18^{\circ} 14\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A".

Thence I run

N. $0^{\circ} 1'$ W., bet. secs. 34 and 35.

Over rolling, desert land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1915 on S. rim;

$\frac{1}{4}$ in N.,

S35 in E. and

S34 in W. 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., 28 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

1915 on S. rim;

T16N R17W in N. half;

S27 in NW.,

S26 in NE.,

S35 in SE. and

S34 in SW. 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, rolling desert.

Soil, sandy loam, depth unknown; 2nd and 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00 N. $89^{\circ} 57'$ E., on a random line, bet. secs. 26 and 35.

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

79.93 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence I run

S. $89^{\circ} 51'$ W., on a true line, bet. secs. 26 and 35.

Over rolling, desert land, through scattering undergrowth.

39.96 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1915 on S. rim;

S26 in N.,

S35 in S. and

$\frac{1}{4}$ in W. 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.

79.93 The cor. of secs. 26, 27, 34 and 35.

Land, rolling desert.

Soil, sandy loam, 2nd and 3rd rate.; gravel subsoil at 24 ins.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00 N. $0^{\circ} 1'$ W., bet. secs. 26 and 27.

Over rolling, desert land, through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1915 on S. rim;

$\frac{1}{4}$ in N.,

S26 in E. and

S27 in W. half;

Subdivision of T. 16 N., R. 17 W.

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80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S22 in NW.,
 S23 in NE.,
 S26 in SE. and
 S27 in SW. quadrant;
 dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling desert; drains W.
 Soil, sandy loam, 2nd and 3rd rate; gravel subsoil at 26 ins.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 13, 1915.

40.00 May 14, 1915: At 9 hrs. 4 m., a.m., l.m.t., I set off 34° 42½' N. on the lat. arc; 18° 29' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 22, 23, 26 and 27.
 Thence I run
 N.89° 51' E., on a random line, bet. secs. 23 and 26.
 79.85 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 23, 24, 25 and 26.
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 23 and 26.
 39.92½ Over rolling, desert land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 S23 in N.,
 S26 in S. and
 ¼ in W. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
 79.85 The cor. of secs. 22, 23, 26 and 27.
 Land, rolling desert; drains W.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

40.00 N.0° 1' W., bet. secs. 22 and 23.
 Over rolling desert land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼ in N.,
 S23 in E. and
 S22 in W. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S15 in NW.,

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- S14 in NE.,
S23 in SE. and
S22 in SW. 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, rolling desert; drains SW.
Soil, sandy loam, 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
-
- 40.00 N. $89^{\circ} 57'$ E., on a random line, bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
79.95 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
13, 14, 23 and 24.
Thence I run
S. $89^{\circ} 58'$ W., on a true line, bet. secs. 14 and 23.
Over rolling, desert land, through scattering undergrowth.
39.97 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S14 in N.,
S23 in S. and
 $\frac{1}{4}$ in W. 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.
79.95 The cor. of secs. 14, 15, 22 and 23.
Land, rolling desert.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
May 14, 1915.
-
- May 15, 1915: At 7 hrs. 54 m., a.m., l.m.t., I set off 34°
 $43\frac{1}{2}'$ N. on the lat. arc; $18^{\circ} 43\frac{1}{2}'$ N. on the decl. arc;
and determine a meridian with the solar at the cor. of
secs. 14, 15, 22 and 23.
Thence I run
N. $0^{\circ} 1'$ W., bet. secs. 14 and 15.
Over rolling, desert land, through scattering undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S14 in E. and
S15 in W. 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.
76.20 Wash, 50 lks. wide, course SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for cor. of secs. 10, 11, 14 and 15, marked on
brass cap
1915 on S. rim;
T16N R17W in N. half;
S10 in NW.,
S11 in NE.,
S14 in SE. and
S15 in SW. 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, rolling desert.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.

Chains.

No timber.
Undergrowth, greasewood, yucca and cacti.
May 15, 1915.

May 20, 1915.
N. $89^{\circ} 58'$ E., on a random line, bet. secs. 11 and 14.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.86 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
11, 12, 13 and 14:
Thence I run
West on a true line, bet. secs. 11 and 14.
Over rolling desert land, through scattering undergrowth.
39.93 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S11 in N.,
S14 in S. and
 $\frac{1}{4}$ in W. 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.
70.05 Wash, 50 lks. wide, course SW.
79.86 The cor. of secs. 10, 11, 14 and 15.
Land, rolling desert.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca, cat claw and cacti.
May 20, 1915.

May 17, 1915: At 7 hrs. 58 m., a.m., l.m.t., I set off 34°
 $44\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 11\frac{1}{2}'$ N. on the decl. arc;
and determine a meridian with the solar at the cor. of
secs. 10, 11, 14 and 15.
Thence I run
N. $0^{\circ} 1'$ W., bet. secs. 10 and 11.
Over rolling, desert land, through scattering undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S11 in E. and
S10 in W. half;
dig pits, 18 X 18 X 12 ins., N. and SE 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.
55.80 Road, brs. NW. and SE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for cor. of secs. 2, 3, 10 and 11, marked on
brass cap
1915 on S. rim;
T16N R17W in N. half;
S3 in NW.,
S2 in NE.,
S11 in SE. and
S10 in SW. 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, rolling desert.
Soil, sandy loam, 2nd and 3rd rate; cement and gravel sub-
soil at depth of 16 ins.
No timber.
Undergrowth, greasewood, palo verde, yucca and cacti.

10.

Subdivision of T. 16 N., R. 17 W.

Chains.

- East on a random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.78 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 1, 2, 11 and 12.
 Thence I run
 S. $89^{\circ} 55'$ W., on a true line, bet. secs. 2 and 11.
 Over rolling, desert land, through scattering undergrowth.
 39.89 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S2 in N.,
 S11 in S. and
 $\frac{1}{4}$ in W. 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.
 79.78 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling desert.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 17, 1915.

- May 19, 1915.
 N. $0^{\circ} 1'$ W., on a random line, bet. secs. 2 and 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.01 Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, established by me, as described in Book "A".
 Thence I run
 S. $0^{\circ} 4'$ E., on a true line, bet. secs. 2 and 3.
 Over rolling land, through scattering undergrowth.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S2 in E. and
 S3 in W. half; and
 $\frac{1}{4}$ in N. 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.
 80.01 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling desert; drains SW.
 Soil, sandy loam, 2nd and 3rd rate; gravel subsoil at 20 ins.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 19, 1915.

- May 12, 1915.
 From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A", I run
 N. $0^{\circ} 2'$ W., bet. secs. 33 and 34.
 Over rolling desert land, through scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S34 in E. and
 S33 in W. 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., 28 ins. in the

Chains.	<p>Subdivision of T. 16 N., R. 17 W. 11.</p> <p>ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap</p> <p>1915 on S. rim; T16N R17W in N. half; S28 in NW., S27 in NE., S34 in SE. and S33 in SW. quadrant;</p> <p>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.</p> <p>Land, rolling desert, drains SW. Soil, sandy loam, depth unknown; 2nd and 3rd rate. No timber. Undergrowth, greasewood, palo verde, yucca and cacti. May 12, 1915.</p>
40.00 80.12	<p>May 13, 1915: N. $89^{\circ} 57'$ E., on a random line, bet. secs. 27 and 34.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line, 5 lks. S. of the cor. of secs. 26, 27, 34 and 35.</p> <p>Thence I run S. $89^{\circ} 55'$ W., on a true line, bet. secs. 27 and 34.</p> <p>Over rolling desert land, through scattering undergrowth.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <p>1915 on S. rim; S27 in N., S34 in S. and $\frac{1}{4}$ in W. half;</p> <p>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.</p> <p>The cor. of secs. 27, 28, 33 and 34. Land, rolling desert, drains W. Soil, sandy loam, depth unknown; 2nd and 3rd rate. No timber. Undergrowth, greasewood, yucca and cacti. May 13, 1915.</p>
40.00 80.00	<p>May 12, 1915. N. $0^{\circ} 2'$ W., bet. secs. 27 and 28.</p> <p>Over rolling desert land, through scattering undergrowth.</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</p> <p>1915 on S. rim; $\frac{1}{4}$ in N., S27 in E. and S28 in W. half;</p> <p>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>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap</p> <p>1915 on S. rim; T16N R17W in N. half; S21 in NW., S22 in NE., S27 in SE. and S28 in SW. quadrant;</p> <p>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.</p> <p>Land, rolling desert; drains SW.</p>

Chains.

Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
May 12, 1915.

May 13, 1915.

- 40.00 N. 89° 55' E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line, at the cor. of secs. 22, 23, 26 and 27.
Thence I run
S. 89° 55' W., on a true line, bet. secs. 22 and 27.
Over rolling, desert land, through scattering undergrowth.
- 40.05 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S22 in N.,
S27 in S. and
 $\frac{1}{4}$ in W. 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.
- 80.10 The cor. of secs. 21, 22, 27 and 28.
Land, rolling desert.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
J. M. M.
May 13, 1915.

May 15, 1915: A. S.

- 40.00 N. 0° 2' W., bet. secs. 21 and 22.
Over rolling, desert land, through dense undergrowth.
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
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S22 in E. and
S21 in W. 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., 26 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap
1915 on S. rim;
T16N R17W in N. half;
S16 in NW.,
S15 in NE.,
S22 in SE. and
S21 in SW. 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, rolling desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
A. S.
May 15, 1915.

Subdivision of T. 16 N., R. 17 W.

Chains.

May 14, 1915. J. M. M.
 N.89° 55' E., on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.05 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.
 Thence I run
 S.89° 53' W., on a true line, bet. secs. 15 and 22.
 Over rolling, desert land, through scattering undergrowth.
 40.02 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S15 in N.,
 S22 in S. and
 $\frac{1}{4}$ in W. 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.
 80.05 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling desert; drains SW.
 Soil, sandy loam, 2nd and 3rd rate; gravel subsoil at 26 ins.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 14, 1915.

May 15, 1915.
 N.0° 2' W., bet. secs. 15 and 16.
 Over rolling, desert land, through scattering undergrowth.
 39.50 Wash, 40 lks. wide, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S15 in E. and
 S16 in W. 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., 28 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S9 in NW.,
 S10 in NE.,
 S15 in SE. and
 S16 in SW. 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, rolling desert.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca and cacti.
 May 15, 1915: At this cor., I set off 18° 45 $\frac{1}{2}$ ' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 44 $\frac{1}{2}$ ' N.

N.89° 53' E., on a random line, bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line, at the cor. of secs. 10, 11, 14 and 15.
 Thence I run
 S.89° 53' W., on a true line, bet. secs. 10 and 15.

14.

Subdivision of T. 16 N., R. 17 W.

Cha ins.

40.05 Over rolling, desert land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S10 in N., and
S15 in S. and
 $\frac{1}{4}$ in W. 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.

80.10 The cor. of secs. 9, 10, 15 and 16.
Land, rolling desert; drains SW.
Soil, sandy loam, depth unknown, 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

40.00 N.0° 2' W., bet. secs. 9 and 10.
Over rolling, desert land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S10 in E. and
S9 in W. 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., 28 ins. in the
ground, for cor. of secs. 3, 4, 9 and 10, marked on
brass cap
1915 on S. rim;
T16N R17W in N. half;
S4 in NW.,
S3 in NE.,
S10 in SE. and
S9 in SW. 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, rolling desert.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
May 15, 1915.

40.00 May 19, 1915: At 9 hrs. 5 m., a.m., l.m.t., I set off 34°
45' N. on the lat. arc; 19° 38 $\frac{1}{2}$ ' 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
N.89° 53' E., on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
80.08 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
2, 3, 10 and 11.

40.04 Thence I run
S.89° 55' W., on a true line, bet. secs. 3 and 10.
Over rolling, desert land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S3 in N.,
S10 in S. and
 $\frac{1}{4}$ in W. 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.

Subdivision of T. 16 N., R. 17 W.

Chains.

46.20 high, N. of cor.
 Road, brs. NW. and SE.
 80.08 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling desert.
 Soil, sandy loam, 2nd and 3rd rate; cemented gravel sub-soil at 18 ins.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 19, 1915.

May 17, 1915.
 N.0° 2' W., on a random line, bet. secs. 3 and 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.01 Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, established by A. S., as described in Book "A".
 Thence I run
 S.0° 1' E., on a true line, bet. secs. 3 and 4.
 Over rolling desert land, through scattering undergrowth,
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S3 in E. and
 S4 in W. 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.
 61.70 Road, brs. NW. and SE.
 80.01 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling desert; drains SW.
 Soil, sandy loam, depth unknown; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 17, 1915.

May 12, 1915: At 2 hrs. 3 m., p.m., 1.m.t., I set off 34° 41' N. on the lat. arc; 16° 02 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A".
 Thence I run
 N.0° 2' W., bet. secs. 32 and 33.
 Over rolling, desert land, through scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S33 in E. and
 S32 in W. 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., 28 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S29 in NW.,
 S28 in NE.,
 S33 in SE. and
 S32 in SW. quadrant;
 dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.;

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Chains.
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, rolling desert; drains W.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

40.00 N. 89° 57' E., on a random line, bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
 27, 28, 33 and 34.
 Thence I run
 S. 89° 54' W., on a true line, bet. secs. 28 and 33.
 Over rolling desert land; through scattering undergrowth.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 S28 in N.,
 S33 in S. and
 $\frac{1}{4}$ in W. 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.
 80.06 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling desert; drains W.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 12, 1915.
 J. M. M.

May 13, 1915: A. S.
 At 7 hrs. 53 m., a.m., l.m.t., I set off 34° 42' N. on the
 lat. arc; 18° 14' N. on the decl. arc; and determine a
 meridian with the solar at the cor. of secs. 28, 29,
 32 and 33.
 Thence I run
 N. 0° 2' W., bet. secs. 28 and 29.
 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S28 in E. and
 S29 in W. 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. 20, 21, 28 and 29, marked on
 brass cap
 1915 on S. rim;
 T16N R17 W. in N. half;
 S20 in NW.,
 S21 in NE.,
 S28 in SE. and
 S29 in SW. 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, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

Subdivision of T. 16 N., R. 17 W. 17.

Chains.
 40.00 N.89° 54' E., on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, at the cor. of secs. 21, 22, 27 and 28.
 Thence I run
 S.89° 54' W., on a true line, bet. secs. 21 and 28.
 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 S21 in N., and
 S28 in S. and
 $\frac{1}{4}$ in W. 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.
 79.96 The cor. of secs. 20, 21, 28 and 29.
 Land, rolling desert;
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

40.00 N.0° 2' W., bet. secs. 20 and 21.
 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S21 in E. and
 S20 in W. 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. 16, 17, 20 and 21, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S17 in NW.,
 S16 in NE.,
 S21 in SE. and
 S20 in SW. 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, rolling desert.
 Soil, sandy and gravelly, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 13, 1915.

May 15, 1915: At 8 hrs. 3 m., a.m., l.m.t., I set off $34^{\circ} 43\frac{1}{2}'$ N. on the lat. arc; $18^{\circ} 43\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21.
 Thence I run
 N.89° 54' E., on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 15, 16, 21 and 22.
 Thence I run
 S.89° 51' W., on a true line, bet. secs. 16 and 21.
 Over rolling desert land, through dense undergrowth,

Chains	
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 1915 on S. rim; S16 in N., S21 in S. and $\frac{1}{4}$ in W. 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.
80.04	The cor. of secs. 16, 17, 20 and 21. Land, rolling desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.
14.50	N.0° 2' W., bet. secs. 16 and 17. Over rolling land, through dense undergrowth. Wash, 1 ch. wide, course SW.
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 1915 on S. rim; $\frac{1}{4}$ in N., S16 in E. and S17 in W. 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., 26 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap 1915 on S. rim; T16N R17W in N. half; S8 in NW., S9 in NE., S16 in SE. and S17 in SW. 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, rolling desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.
	A. S.
40.00	J. M. M. N.89° 51' E., on a random line, bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 9, 10, 15 and 16. Thence I run
40.02	S.89° 52' W., on a true line, bet. secs. 9 and 16. Over rolling desert land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; S9 in N., S16 in S. and $\frac{1}{4}$ in W. 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.
80.04	The cor. of secs. 8, 9, 16 and 17. Land, rolling desert; drains SW.

Subdivision of T. 16 N., R. 18 W.

19.

Chains.

Soil, sandy loam, depth unknown, 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

40.00 N.0° 2' W., bet. secs. 8 and 9.
Over rolling, desert land, through dense undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S9 in E. and
S8 in W. 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., 28 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap
1915 on S. rim;
T16N R17W in N. half;
S5 in NW.,
S4 in NE.,
S9 in SE. and
S8 in SW. 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, rolling desert; drains SW.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

40.00 N.89° 52' E., on a random line, bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run
S.89° 51' W., on a true line, bet. secs. 4 and 9.
Over rolling, desert land, through scattering undergrowth.
40.01 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
S4 in N.,
S9 in S. and
 $\frac{1}{4}$ in W. 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. 4, 5, 8 and 9.
Land, rolling desert; drains SW.
Soil, sandy loam, depth unknown; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

J. M. M.
May 15, 1915.

May 17, 1915: A. S.
40.00 N.0° 2' W., on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
80.08 Intersect N. bdy. of Tp., 5 lks. W. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, established by me, as described in Book "A".
Thence I run

South on a true line, bet. secs. 4 and 5.
Over rolling, desert land, through dense undergrowth.

18.70 Road, brs. NW. and SE.
40.08 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
1915 on S. rim;
 $\frac{1}{4}$ in N.,

20.

Subdivision of T. 16 N., R. 17 W.

Chains.

- S4 in E. and
S5 in W. 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.
- 80.08 The cor. of secs. 4, 5, 8 and 9.
Land, rolling desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood, cacti, ocatilla and yucca.
May 17, 1915.
-
- May 13, 1915.
From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, established by J. M. M., as described in Book "A", I run
N. $0^{\circ} 3'$ W., bet. secs. 31 and 32.
Over rolling, desert land, through dense undergrowth.
- 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
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S32 in E. and
S31 in W. 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
1915 on S. rim;
T16N R17W in N. half;
S30 in NW.,
S29 in NE.,
S32 in SE. and
S31 in SW. 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, rolling desert.
Soil, sandy and gravelly; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
May 13, 1915: At this cor., I set off $18^{\circ} 16'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 41\frac{1}{2}'$ N.
-
- N. $89^{\circ} 57'$ E., on a random line, bet. secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.03 Intersect N. and S. line, at the cor. of secs. 28, 29, 32 and 33.
Thence I run
S. $89^{\circ} 57'$ W., on a true line, bet. secs. 29 and 32.
Over rolling, desert land, through dense undergrowth.
- 40.01 $\frac{1}{2}$ 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
1915 on S. rim;
S29 in N.,
S32 in S. and
 $\frac{1}{4}$ in W. 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.
- 80.03 The cor. of secs. 29, 30, 31 and 32.
Land, rolling desert.
Soil, sandy and gravelly, 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.

Subdivision of T. 16 N., R. 17 W.

Chains.

S.89° 57' W., on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.60 Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by me, as described in Book "A".
 Thence I run
 N.89° 59' E., on a true line, bet. secs. 30 and 31.
 Over rolling, desert land, through dense undergrowth.
 38.60 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
 1915 on S. rim;
 S30 in N.,
 S31 in S. and
 $\frac{1}{4}$ in W. 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.
 48.60 Road, brs. N. and S.
 78.60 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

N.0° 3' W., bet. secs. 29 and 30.
 Over rolling desert, through dense undergrowth.
 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
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S29 in E. and
 S30 in W. 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. 19, 20, 29 and 30, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S19 in NW.,
 S20 in NE.,
 S29 in SE. and
 S30 in SW. 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, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

N.89° 57' E., on a random line, bet. secs. 20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line, at the cor. of secs. 20, 21, 28 and 29.
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 20 and 29.
 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 S20 in N.,
 S29 in S. and

22.

Subdivision of T. 16 N., R. 17 W.

Chains.

$\frac{1}{4}$ in W. 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. 19, 20, 29 and 30.
 Land, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 13, 1915.

May 14, 1915: At 8 hrs. a.m., l.m.t., I set off $34^{\circ} 42\frac{1}{2}'$ N. on the lat. arc; $18^{\circ} 29'$ 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. $89^{\circ} 59'$ W., on a random line, bet. secs. 19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.55 Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by me, as described in Book "A".
 Thence I run
 East on a true line, bet. secs. 19 and 30.
 Over rolling, desert land, through dense undergrowth.
 38.55 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
 1915 on S. rim;
 S19 in N.,
 S30 in S.; and
 $\frac{1}{4}$ in W. 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.
 50.25 Road, brs. N. and S.
 78.55 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling desert; drains W.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

N. $0^{\circ} 3'$ W., bet. secs. 19 and 20.
 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S20 in E. and
 S19 in W. 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. W. of cor.
 49.30 Wash, 50 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap
 1915 on S. rim;
 T16N R17W in N. half;
 S18 in NW.,
 S17 in NE.,
 S20 in SE. and
 S19 in SW. 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, rolling desert.
 Soil, sandy loam, 2nd rate.

Subdivision of T. 16 N., R. 17 W.

23.

Chains.	No timber. Undergrowth, greasewood, yucca and cacti.
40.00 79.97 39.98 ¹ / ₂ 47.65 79.97	N.89° 57' E., on a random line, bet. secs. 17 and 20. Set temp. ¹ / ₄ sec. cor. Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence I run S.89° 59' W., on a true line, bet. secs. 17 and 20. Over rolling, desert land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹ / ₄ sec. cor., marked on brass cap 1915 on S. rim; S17 in N., S20 in S. and ¹ / ₄ in W. 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. Wash, 50 lks. wide, course SW. The cor. of secs. 17, 18, 19 and 20. Land, rolling desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.
40.00 78.47 38.47 44.45 78.47	West on a random line, bet. secs. 18 and 19. Set temp. ¹ / ₄ sec. cor. Intersect W. bdy. of Tp., at the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by me, as described in Book "A". Thence I run East on a true line, bet. secs. 18 and 19. Over rolling, desert land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹ / ₄ sec. cor., marked on brass cap 1915 on S. rim; S18 in N., S19 in S. and ¹ / ₄ in W. 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. Road, brs. N. and S. The cor. of secs. 17, 18, 19 and 20. Land, rolling desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti. May 14, 1915: At this cor., I set off 18° 31' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 43 ¹ / ₂ ' N.
40.00	N.0° 3' W., bet. secs. 17 and 18. Over rolling, desert land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹ / ₄ sec. cor., marked on brass cap 1915 on S. rim; ¹ / ₄ in N., S17 in E. and S18 in W. half;

24.

Subdivision of T. 16 N., R. 17 W.

Chains.	<p>dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>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</p> <p style="padding-left: 40px;">1915 on S. rim; T16N R17W in N. half; S7 in NW., S8 in NE., S17 in SE. and S18 in SW. quadrant;</p> <p>dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, rolling desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.</p> <p style="text-align: right;">May 14, 1915.</p>
40.00	<p>May 15, 1915. N.89° 59' E., on a random line, bet. secs. 8 and 17.</p>
80.02	<p>Set temp. ¼ sec. cor. Intersect N. and S. line, 14 lks. S. of the cor. of secs. 8, 9, 16 and 17:</p>
40.01	<p>Thence I run S.89° 53' W., on a true line, bet. secs. 8 and 17. Over rolling, desert land, through dense undergrowth.</p>
80.02	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim; S8 in N., S17 in S. and ¼ in W. half;</p> <p>dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.</p>
80.02	<p>The cor. of secs. 7, 8, 17 and 18. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, greasewood, yucca, ocatilla and cacti.</p> <p style="text-align: right;">May 15, 1915.</p>
40.00	<p>May 14, 1915. West on a random line, bet. secs. 7 and 18.</p>
78.40	<p>Set temp. ¼ sec. cor. Intersect W. bdy. of Tp., at the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me, as described in Book "A".</p>
38.40	<p>Thence I run East on a true line, bet. secs. 7 and 18. Over rolling, desert land, through dense undergrowth.</p>
71.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1915 on S. rim; S7 in N., S18 in S. and ¼ in W. half;</p> <p>dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.</p>

Subdivision of T. 16 N., R. 17 W.

25.

Chains.

40.90 Road, brs. N. and S.
 78.40 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

May 14, 1915.

May 17, 1915: At 7 hrs. 2 m., a.m., l.m.t., I set off $34^{\circ} 44\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 11\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 8, 17 and 18.

Thence I run
 N. $0^{\circ} 3'$ W., bet. secs. 7 and 8.

40.00 Over rolling, desert land, through dense undergrowth.
 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
 1915 on S. rim;
 $\frac{1}{4}$ in N.,
 S8 in E. and
 S7 in W. 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., 26 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap

1915 on S. rim;
 T16N R17W in N. half;
 S6 in NW.,
 S5 in NE.,
 S8 in SE. and
 S7 in SW. 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, rolling desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

May 17, 1915.

May 18, 1915. At 8 hrs. 2 m., a.m., l.m.t., I set off $34^{\circ} 45'$ N. on the lat. arc; $19^{\circ} 25'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 7 and 8.

thence I run
 N. $89^{\circ} 53'$ E. on a random line, bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.07 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run
 S. $89^{\circ} 52'$ W., on a true line, bet. secs. 5 and 8.

40.03 $\frac{1}{2}$ Over rolling, desert land, through dense undergrowth.
 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

1915 on S. rim;
 S5 in N.,
 S8 in S. and
 $\frac{1}{4}$ in W. 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.

26.

Subdivision of T. 16 N., R. 17 W.

Chains.

- 80.07 high, N. of cor.
The cor. of secs. 5, 6, 7 and 8.
Land, rolling desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood, yucca, cacti and ocatilla.
May 18, 1915.
-
- 40.00 May 17, 1915.
West on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
78.33 Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, established by
me, as described in Book "A".
Thence I run
S. 89° 59' E., on a true line, bet. secs. 6 and 7.
Over rolling desert land, through dense undergrowth.
38.25 Road, brs. N. and S.
38.33 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
1915 on S. rim;
S6 in N.,
S7 in S. and
 $\frac{1}{4}$ in W. 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.
78.33 The cor. of secs. 5, 6, 7 and 8.
Land, rolling desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
May 17, 1915.
-
- 40.00 May 18, 1915.
N. 0° 3' W., on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. bdy. of Tp., 9 lks. W. of the cor. of secs.
5, 6, 31 and 32, which is an iron post, established by
me, as described in Book "A".
Thence I run
S. 0° 1' W., on a true line, bet. secs. 5 and 6.
Over rolling, desert land, through dense undergrowth.
40.06 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ in N.,
S5 in E. and
S6 in W. 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.
80.06 The cor. of secs. 5, 6, 7 and 8.
Land, rolling desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
A. S.
May 18, 1915.

Subdivision of T. 16 N., R. 17 W.

Chains.

GENERAL DESCRIPTION.

The land in this Tp. is rolling desert. The soil is classed as 2nd and 3rd rate, and is of unknown depth. Considerable undergrowth covers the entire area. There are no settlers and no indication of mineral.

28
BOOK 2847

FINAL OATH OF UNITED STATES SURVEYOR.

See "Book B"

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance
of special instructions received from the U. S. Surveyor General for _____
bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly,
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying
Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____
Meridian, in the State of _____, which are represented in
the foregoing field notes as having been executed by me, and under my direction; and I do further
solemnly swear that all the corners of said survey have been established and perpetuated in strict accord-
ance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor
General for _____ and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, April 10, 1917.

The foregoing field notes of the survey of the Subdivision lines of

Township 16 North, Range 17 West,

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

executed by Albert Smith, Jr., U.S. Surveyor, & J.M. McKinney, Jr. U.S. Transitman,
under special instructions dated December 28, 1914, for Group 42 Arizona, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

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.~~