

2936

4-879

Book "D"
Subdivisions,

BOOK 2936

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 14 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,

and

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

In the presence of J. M. McKinney, Jr., 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 March 22, 1915

Survey completed March 29, 1915.

Executed under assignment
Instructions dated Jan. 28, 1915.

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Chains.

Survey commenced Mar. 22, 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. 14 N., R. 17 W.

Mar. 22, 1915.

A. S. and J. M. M.

Mar. 23, 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 A. S., as described in Book "A", I run

N.0° 1' W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

1.00 Wash, 30 lks. wide, course SE.

29.80 Wash, 30 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.,

S36 in E. and

S35 in W. half;

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;

T14N 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. Pits impracticable.

Land, rolling.

Soil, sandy loam, 2nd and 3rd rate.

No timber.

Undergrowth, scattering yucca, cat claw and cacti.

40.00 N.89° 56' E., on a random line, bet. secs. 25 and 36.

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

Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by A. S., as described in Book "A".

Thence I run

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

Over rolling desert land, through scattering undergrowth.

24.20 Wash, 30 lks. wide, course S.

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;

S25 in N.,

S36 in S. and

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

Chains. 50.20 80.00	<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>Wash, 30 lks. wide, course S.</p> <p>The cor. of secs. 25, 26, 35 and 36. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti. Mar. 23, 1915.</p>
40.00 80.00	<p>Mar. 25, 1915: At 8 hrs. a.m., l.m.t., I set off $34^{\circ} 31\frac{1}{2}'$ N. on the lat. arc; $1^{\circ} 34\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor of secs. 25, 26, 35 and 36.</p> <p>Thence I run N. $0^{\circ} 1'$ W., bet. secs. 25 and 26. 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 1915 on S. rim; $\frac{1}{4}$ in N., S25 in E. and S26 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. 23, 24, 25 and 26, marked on brass cap 1915 on S. rim; T14N R17W in N. half; S23 in NW., S24 in NE., S25 in SE. and S26 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. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti.</p>
40.00 79.96 15.36 39.98 54.46 79.96	<p>N. $89^{\circ} 54'$ E., on a random line, bet. secs. 24 and 25. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by A. S., as described in Book "A".</p> <p>Thence I run S. $89^{\circ} 52'$ W., on a true line, bet. secs. 24 and 25. Over rolling desert land, through scattering undergrowth.</p> <p>Wash, 30 lks. wide, course SW.</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 1915 on S. rim; S24 in N., S25 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>Old road, brs. NW. and SE. to Castaneta Well.</p> <p>The cor. of secs. 23, 24, 25 and 26. Land, rolling desert.</p>

Chains
 40.00 N.0° 1' W., bet. secs. 13 and 14.
 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.,
 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.
 52.20 Wash, 30 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. 11, 12, 13 and 14, marked on
 brass cap
 1915 on S. rim;
 T14N 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.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering yucca, cat claw and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 12 and 13.
 Set temp $\frac{1}{4}$ sec. cor.
 79.97 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs.
 7, 12, 13 and 18, which is an iron post, established
 by A. S., as described in Book "A".
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 12 and 13.
 Over rolling desert land, through scattering undergrowth.
 39.98 $\frac{1}{2}$ 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;
 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.
 67.67 Wash, 30 lks. wide, course SW.
 79.97 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling desert.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocatilla and cacti.
 Mar. 25, 1915.

40.00 Mar. 26, 1915.
 N.0° 1' W., bet. secs. 11 and 12.
 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.,
 S12 in E. and
 S11 in W. half;

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Chains.

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. 1, 2, 11 and 12, marked on brass cap
 1915 on S. rim;
 T14N 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, level, and rolling.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocatilla and cacti.
 J. M. M.
 Mar. 26, 1915.

40.00 Mar. 23, 1915: A. S.
 N.89° 57' E., on a random line, bet. secs. 1 and 12.
 Set temp. ¼ sec. cor.
 79.99 Intersect E. bdy. of Tp., at 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° 57' W., on a true line, bet. secs. 1 and 12.
 Over level land, through dense undergrowth.
 39.99½ Set an iron post, 3 ft. long, 1 in. diam., 26 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.
 79.99 The cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, 2nd rate.
 No timber.
 Undergrowth, yucca, greasewood, cacti and sage brush.
 A. S.
 Mar. 23, 1915.

40.00 Mar. 26, 1915: J. M. M.
 N.0° 1' W., on a random line, bet. secs. 1 and 2.
 Set temp. ¼ sec. cor.
 79.94 Intersect N. bdy. of Tp., at 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° 1' E., on a true line, bet. secs. 1 and 2.
 Over rolling desert land, through scattering undergrowth.
 22.24 Old road, brs. NE. and SW.
 39.94 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.,
 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.
 79.94 The cor. of secs. 1, 2, 11 and 12.

Chains.	<p>Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti. Mar. 26, 1915: At this cor., I set off $2^{\circ} 1\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 35'$ N. Mar. 26, 1915.</p>
40.00 48.00 80.00	<p>Mar. 23, 1915. From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by A. S., as described in Book "A", I run $N.0^{\circ} 1' W.$, bet. secs. 34 and 35. Over rolling land, through scattering undergrowth. Impracticable to set an iron post at this point. Set a lava stone, 21 X 9 X 5 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Low ridge, brs. NW. and SE. Desc. NE. slope, 330 ft. to Impracticable to set an iron post at this point. Set a lava stone, 24 X 12 X 9 ins., 18 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked with 2 notches on E. and 1 notch on S. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling. Soil, shale rock, 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti. Mar. 23, 1915: At this cor., I set off $0^{\circ} 51'$ N. on the lat. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 31\frac{1}{2}'$ N.</p>
40.00 80.02 40.01 55.00 67.50 80.02	<p>$N.89^{\circ} 56'$ E., on a random line, bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, at the cor. of secs. 25, 26, 35 and 36. Thence I run $S.89^{\circ} 56'$ W., on a true line, bet. secs. 26 and 35. Over rolling desert land, through scattering 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; 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. Wash, 50 lks. wide, course S. Wash, 20 lks. wide, course SE. The cor. of secs. 26, 27, 34 and 35. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti.</p>

Chains	<p>N.0° 1' W., bet. secs. 26 and 27. Over rolling desert, through scattering undergrowth. 2.00 Wash, 10 lks. wide, course SE. Asc. SE. slope, 145 ft. 38.00 Spur ridge, brs. 15 chs. W. and 5 chs. E. Desc. N. slope, 155. ft. 40.00 Impracticable to set an iron post at this point. Set a lava stone, 16 X 12 X 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits imprac- ticable. 47.75 Foot of desc., brs. E. and W. Thence over rolling desert land. 48.50 Wash, 30 lks. wide, course E. 58.00 Wash, 30 lks. wide, course SE. 68.00 Wash, 20 lks. wide, course SE. 80.00 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; T14N R17W in N. half; S22 in NW., S23 in NE., S26 in SE. and S27 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling desert. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, yucca, cacti and greasewood. Mar. 23, 1915.</p>
40.00	<p>Mar. 25, 1915. N.89° 56' E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor. 79.90 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence I run S.89° 53' W., on a true line, bet. secs. 23 and 26. Over rolling desert land, through scattering undergrowth. 39.95 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; S23 in N., S26 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. 61.40 Wash, 50 lks. wide, course S. 79.90 The cor. of secs. 22, 23, 26 and 27. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, yucca, cat claw and cacti. Mar. 25, 1915.</p>
24.54	<p>Mar. 26, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off 34° 32' N. on the lat. arc; 1° 58' 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.0° 1' W., bet. secs. 22 and 23. Over rolling desert land, through scattering undergrowth. Wash, 20 lks. wide, course E.</p>

Chains.	
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., S23 in E. and S22 in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
53.35	Wash, 50 lks. wide, course SE.
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; T14N R17W in N. half; S15 in NW., 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. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti.
40.00	N.89° 53' E., on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence I run S.89° 52' W., on a true line, bet. secs. 14 and 23. Over rolling desert land, through scattering undergrowth.
39.95	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.
46.70	Old road, brs. NW. and SE. to Castaneta Well.
51.40	Wash, 30 lks. wide, course SW.
79.90	The cor. of secs. 14, 15, 22 and 23. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti.
38.44	N.0° 1' W., bet. secs. 14 and 15. Over rolling desert, through scattering undergrowth. Road, brs. NW. and SE. to Castaneta Well.
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.
74.34	Wash, 30 lks. wide, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the

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Chains.

ground, for cor. of secs, 10, 11, 14 and 15, marked on brass cap

- 1915 on S. rim;
- T14N 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., 5½ 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, scattering yucca, cat claw and cacti.

Mar. 26, 1915.

Mar. 25, 1915.

N.89° 52' E., on a random line, bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

79.94 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run

S.89° 48' W., on a true line, bet. secs. 11 and 14.

Over rolling desert land, through scattering undergrowth.

39.97 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;
- S11 in N.,
- S14 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.

68.80 Wash, 30 lks. wide, course SW.

79.94 The cor. of secs. 10, 11, 14 and 15.

Land, rolling desert.

Soil, sandy loam, 2nd and 3rd rate.

No timber.

Undergrowth, scattering yucca, cat claw and cacti.

Mar. 25, 1915.

Mar. 26, 1915.

N.0° 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 ¼ sec. cor., marked on brass cap

- 1915 on S. rim;
- ¼ in N.,
- S11 in E. and
- S10 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. 2, 3, 10 and 11, marked on brass cap

- 1915 on S. rim;
- T14N R17W in N. half;
- S3 in NW.,
- S2 in NE.,
- S11 in SE. and
- S10 in SW. quadrant;

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10.

Chains.	<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. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti.</p>
40.00 79.87	<p>N.89° 48' E., on a random line, bet. secs. 2 and 11. Set temp. ¼ sec. cor. Intersect N. and S. line, at the cor. of secs. 1, 2, 11 and 12.</p>
39.93½	<p>Thence I run S.89° 48' W., on a true line, bet. secs. 2 and 11. 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; S2 in N., S11 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.</p>
79.87	<p>The cor. of secs. 2, 3, 10 and 11. Land, rolling desert. Soil, sandy loam, 2nd and 3rd rate. No timber. Undergrowth, scattering yucca, cat claw and cacti. J. M. M. Mar. 26, 1915.</p>
40.00 80.15	<p>Mar. 28, 1915. A. S. N.0° 1' W., on a random line, bet. secs. 2 and 3. Set temp. ¼ sec. cor. Intersect N. bdy. of Tp., 4 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, established by J. M. M., as described in Book "A".</p>
40.15	<p>Thence I run S.0° 3' E., on a true line, bet. secs. 2 and 3. Over level land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼ in N., S2 in E. and S3 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.</p>
68.15	<p>Old road, brs. NE. and SW.</p>
80.15	<p>The cor. of secs. 2, 3, 10 and 11. Land, level desert. Soil, volcanic ash, 1st rate. No timber. Undergrowth, yucca, greasewood and cacti. Mar. 28, 1915.</p>
	<p>Mar. 25, 1915: At 7 hrs. 54 m., a.m., 1.m.t., I set off 34° 30½' N. on the lat. arc; 1° 34½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is a stone, established by me, as described in Book "A".</p>

Chains.	<p>Thence I run N.0° 2' W., bet. secs. 33 and 34. Over mountainous land, through dense undergrowth. Desc. rocky NE. slope, 270 ft.</p>
40.00	<p>Impracticable to set an iron post at this point. Set a lava stone, 16 X 12 X 6 ins., 12 ins. in the ground, on solid rock, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p>
53.20	<p>Gulch, 40 lks. wide, course SE. Asc. S. slope, 230 ft. to</p>
80.00	<p>Impracticable to set an iron post at this point. Set a lava stone, 18 X 8 X 6 ins., 6 ins. in the ground, on bed rock, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, marked with 3 notches on E. and 1 notch on S. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p> <p>Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, ocatilla, cacti and scattering yucca.</p>
40.00	<p>N.89° 56' E., on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.</p>
79.98	<p>Intersect N. and S. line, 4 lks. N. of the cor. of secs. 26, 27, 34 and 35.</p> <p>Thence I run S.89° 58' W., on a true line, bet. secs. 27 and 34. Over hilly land, through dense undergrowth. Asc. rocky NE. slope, 335 ft.</p>
25.00	<p>Butte brs. N. about 20 chs. dist.</p>
39.99	<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 1915 on S. rim; \$27 in N., \$34 in S. and $\frac{1}{4}$ in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.</p>
60.00	<p>Low ridge, brs. NW. and SE. Desc. SW. slope, 95 ft. to</p>
72.50	<p>Gulch, course SE. Heads 6 chs. NW. Asc. SE. slope, 75 ft. to</p>
79.98	<p>The cor. of secs. 27, 28, 33 and 34. Land, hilly. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, cacti, palo verde, ocatilla and scattering yucca.</p>
20.00	<p>N.0° 2' W., bet. secs. 27 and 28. Over rolling land, through dense undergrowth. Low ridge, brs. NW. and SE. Desc. rocky NE. slope, 115 ft., over mountainous land.</p>
30.00	<p>Head of gulch, course E. Asc. rocky SE. slope, 145 ft.</p>
40.00	<p>Impracticable to set an iron post at this point. Set a lava stone, 14 X 8 X 8 ins., 10 ins. in the ground, on solid rock, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p>
41.50	<p>Top of asc., brs. E. and W. Desc. rocky NE. slope, 350 ft. to</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap</p>

Chains.

1915 on S. rim;
T14N R17W in N. half;
S21 in NW.,
S22 in NE.,
S27 in SE. and
S28 in SW. quadrant;

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

Land, rolling and mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, greasewood, ocatilla, palo verde and cacti.

Mar. 25, 1915: At this cor., I set off $1^{\circ}38'$ N. on the
decl. arc; and at apparent noon, I observe the sun on
the meridian; the resulting lat. is $34^{\circ}32'$ N.

Mar. 25, 1915.

A. S.

Mar. 23, 1915: J. M. M.

N. $89^{\circ}58'$ E., on a random line, bet. secs. 22 and 27.

40.00 Settemp. $\frac{1}{4}$ sec. cor.

80.01 Intersect N. and S. line, 9 lks. S. of the cor. of secs.
22, 23, 26 and 27.

Thence I run

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

Over rolling desert land, through scattering undergrowth.

14.00 Wash, 5 lks. wide, course SE.

22.50 Wash, 30 lks. wide, course SE.

40.00 $\frac{1}{2}$ Impracticable to set an iron post at this point. Set a
granite stone, 14 X 10 X 8 ins., 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits
impracticable.

76.00 Wash, 10 lks. wide, course SE.

80.01 The cor. of secs. 21, 22 27 and 28.

Land, rolling desert.

Soil, sandy loam, rocky, 3rd and 4th rate.

No timber.

Undergrowth, yucca, greasewood, palo verde, ocatilla and
cacti.

J. M. M.

Mar. 23, 1915.

Mar. 25, 1915. A. S.

N. $0^{\circ}2'$ W., bet. secs. 21 and 22.

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.,

S22 in E. and

S21 in W. half;

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

59.20 Wash, 150 lks. wide, course SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 15, 16, 21 and 22, marked on
brass cap

1915 on S. rim;

T14N R17W in N. half;

S16 in NW.,

S15 in NE.,

S22 in SE. and

S21 in SW. quadrant;

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

Chains.

Land, rolling desert.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, yucca, greasewood, cacti, palo verde and ocatilla.

40.00 N.89° 54' E., on a random line, bet. secs. 15 and 22.
Set temp $\frac{1}{4}$ sec. cor.

80.06 Intersect N: and S. line at the cor. of secs. 14, 15, 22 and 23.
Thence I run
S.89° 54' W., on a true line, bet. secs. 15 and 22.
Over rolling desert land, through dense undergrowth.

21.20 Wash, 50 lks. wide, course SE.

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;
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.

80.06 The cor. of secs. 15, 16, 21 and 22.
Land, rolling desert.
Soil, sandy loam, 2nd and 3rd rate.
No timber.
Undergrowth, yucca, cat claw and cacti.

8.60 N.0° 2' W., bet. secs. 15 and 16.
Over rolling desert land, through dense undergrowth.

26.50 Wash, 25 lks. wide, course E.

40.00 Wash, 25 lks. wide, course E.
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.,
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.

79.80 Old road, brs. NE. and SW.

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;
T14N 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, ocatilla and cacti.

A. S.
Mar. 25, 1915.

Chains.

Mar. 26, 1915: J. M. M.
 N.89° 54' E., on a random line, bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 12 lks. S. of the cor. of secs.
 10, 11, 14 and 15.
 Thence I run
 S.89° 49' W., on a true line, bet. secs. 10 and 15.
 Over rolling desert land, through scattering undergrowth.
 37.30 Old road, brs. NW. and SE. to Castaneta Well.
 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;
 S10 in N.,
 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.
 79.80 Old road, brs. NE. and SW.
 80.00 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling desert.
 Soil, sandy loam, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering yucca, cat claw and cacti.
 J. M. M.
 Mar. 26, 1915.

Mar. 28, 1915: A. S.
 At 8 hrs. 5 m., a.m., l.m.t., I set off 34° 34' N. on the
 lat. arc; 2° 45' N. on the decl. arc; and determine a
 meridian with the solar at the cor. of secs. 9, 10, 15
 and 16.
 Thence I run
 N.0° 2' W., bet. secs. 9 and 10.
 Over level land, through dense 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.,
 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., 24 ins. in the
 ground, for cor. of secs. 3, 4, 9 and 10, marked on
 brass cap
 1915 on S. rim;
 T14N 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, level desert.
 Soil, sandy loam, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, and cacti.

Subdivision of T. 14 N., R. 17 W. 15.

Chains.

40.00 N.89° 49' E., on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.

80.05 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 2, 3, 10 and 11.
Thence I run
S.89° 55' W., on a true line, bet. secs. 3 and 10.
Over level desert land, through dense undergrowth.

15.05 Old road, brs. NE. and SW.

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;
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. high, N. of cor.

67.55 Old road, brs. N. and S. to Castaneta Well.

80.05 The cor. of secs. 3, 4, 9 and 10.
Land, level desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, yucca, greasewood and cacti.

40.00 N.0° 2' W., on a random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. bdy. of Tp., 4 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, established by J. M. M., as described in Book "A".
Thence I run
S.0° 4' E., on a true line, bet. secs. 3 and 4.
Over level desert land, through dense undergrowth.

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

50.70 Road, brs. NW. and SE. to Castaneta Well. Asc. to

70.10 Divide between Williams and Colorado Rivers, brs. NE. and SW. Desc. to

80.10 The cor. of secs. 3, 4, 9 and 10.
Land, level desert.
Soil, sandy loam, 2nd rate.
No timber.
Undergrowth, yucca, greasewood and cacti.

Mar. 28, 1915.

Mar. 26, 1915: At 8 hrs. 32 m., a.m., l.m.t., I set off 34° 30 $\frac{1}{2}$ ' N. on the lat. arc; 1° 58 $\frac{1}{2}$ ' 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 mountainous land, through dense undergrowth.
Desc. NE. slope, 75 ft. to

3.85 Gulch, 15 lks. wide, course NW. Asc. rocky SW. slope, 85 ft. to

16.30 Rocky spur, brs. NW. Desc. rocky NE. slope, 285 ft. to

16

Subdivision of T. 14 N., R. 17 W.

16.

Chains.	
31.40	Gulch, 15 lks. wide, course NW. Asc. SW. slope, 100 ft.
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., S33 in E. and S32 in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
47.70	Spur, slopes NW. Desc. NE. slope, 365 ft. to
80.00	Impracticable to set an iron post at this point. Set a lava stone, 16 X 10 X 8 ins., 12 ins. in the ground, on solid rock, for cor. of secs. 28, 29, 32 and 33, marked with 4 notches on E. and 1 notch on S. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Land, mountainous. Soil, cacti, greasewood, palo verde and ocatilla. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti.
40.00	N.89° 56' E., on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
79.99	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence I run S.89° 59' W., on a true line, bet. secs. 28 and 33. Over mountainous land, through dense undergrowth. Desc. rocky SW. slope, 185 ft. to Wash, 30 lks. wide, course SE.
26.75	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; S28 in N., S33 in S. and $\frac{1}{4}$ in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
39.99 $\frac{1}{2}$	Thence over rolling land, The cor. of secs. 28, 29, 32 and 33. Land, rolling and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti. Mar. 26, 1915: At this cor., I set off 2° $1\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° $31\frac{1}{2}'$ N.
	N.0° 2' W., bet. secs. 28 and 29. Over rolling, rocky land, through scattering undergrowth. Wash, 30 lks. wide, course NE.
1.60	Desc. NE. slope, 65 ft. to
15.00	Wash, 25 lks. wide, course E. Asc. SW. slope, 60 ft.
29.70	Impracticable to set an iron post at this point. Set a lava stone, 14 X 10 X 10 ins., 10 ins. in the ground, on solid rock, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
40.00	Low saddle in ridge, brs. E. and W.
50.00	Impracticable to set an iron post at this point. Set a lava stone, 15 X 12 X 8 ins., 12 ins. in the ground, on solid rock, for cor. of secs. 20, 21, 28 and 29, marked with 4 notches on E. and 2 notches on S. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
80.00	Land, rolling. Soil, 2nd rate. No timber.

Subdivision of T. 14 N., R. 17 W.

Chains.	Undergrowth, greasewood, palo verde, ocatilla and yucca.
40.00 80.03	N.89° 59' E., on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line at the cor. of secs. 21, 22, 27 and 28.
19.50 24.35 35.40 40.01 $\frac{1}{2}$	Thence I run S.89° 59' W., on a true line, bet. secs. 21 and 28. Over mountainous land, through scattering undergrowth. Asc. NE. slope, 260 ft. to Rocky spur, brs. N. Desc. NW. slope, 75 ft. to Gulch, course N. Asc. NE. slope, 110 ft. to Spur, brs. N. Desc. NW. slope, 200 ft. 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., S28 in S. and $\frac{1}{4}$ in W. half;
53.28 80.03	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Spur, brs. NW. Desc. SW. slope to The cor. of secs. 20, 21, 28 and 29. Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti.
20.00 31.40 40.00	N.0° 2' W., bet. secs, 20 and 21. Over rolling, mountainous land, through dense undergrowth. Asc. SW. slope, 105 ft. to Point of spur, brs. W. Desc. NW. slope, 140 ft. to Wash, 10 lks. wide, course NE. Thence over rolling desert land. 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., S21 in E. and S20 in W. half;
51.30 59.50 80.00	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Wash, 150 lks. wide, course E. Forks 1 ch. W. of line. Wagon road, brs. NE. to Yucca and SW. to Standard Mine. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 16,17, 20 and 21, marked on brass cap 1915 on S. rim; T14N R17W in N. half; S17 in NW., S16 in NE., S21 in SE. and S20 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and mountainous. No timber. Soil, 3rd rate. Undergrowth, palo verde, ocatilla and greasewood, Mar. 26, 1915.

18 Subdivision of T. 14 N., R. 17 W. 25.

Chains
 Mar. 25, 1915.
 N.89° 59' E., on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence I run
 N.89° 55' W., on a true line, bet. secs. 16 and 21.
 Over rolling desert land, through dense undergrowth.
 39.95 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;
 S16 in N.,
 S21 in S. and
 $\frac{1}{4}$ in W. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 70.00 Road, brs. NE. to Yucca, and SW. to Standard Mine.
 79.90 The cor. of secs. 16, 17, 20 and 21.
 Land, rolling desert.
 Soil, 2nd rate.
 No timber.
 Undergrowth, palo verde, ocatilla, greasewood and cacti.
 Mar. 25, 1915.

Mar. 27, 1915:
 N.0° 2' W., bet. secs. 16 and 17.
 Over rolling desert land, through dense undergrowth.
 40.00 Set a quartzite stone, 12 X 10 X 8 ins., 8 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 43.20 Wash, 50 lks. wide, course SE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap
 1915 on S. rim;
 T14N 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, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling desert.
 Soil, 2nd rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca, cacti and ocatilla.

S.89° 55' E., on a random line, bet. secs. 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.93 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15 and 16.
 Thence I run
 N.89° 59' W., on a true line, bet. secs. 9 and 16.
 Over rolling desert land, through scattering undergrowth.
 39.96 $\frac{1}{2}$ 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;
 S9 in N.,
 S16 in S. and
 $\frac{1}{4}$ in W. half;

Subdivision of T. 14 N., R. 17 W.

Chains,

79.93 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling desert.
 Soil, 2nd rate.
 No timber.
 Undergrowth, greasewood, palo verde, yucca and cacti.
 Mar. 27, 1915.

40.00 Mar. 28, 1915.
 N.0° 2' W., bet. secs. 8 and 9.
 Over level 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.,
 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 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 Asc. slightly to
 65.00 Divide between Williams and Colorado Rivers, brs. NE. and SW. Desc. slightly to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap
 1915 on S. rim;
 T14N 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 1/2 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, level.
 Soil, 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, cacti and ocatilla.

40.00 S.89° 59' E., on a random line, bet. secs. 4 and 9.
 Set temp. 1/4 sec. cor.
 79.95 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.
 Thence I run
 S.89° 58' W., on a true line, bet. secs. 4 and 9.
 Over level land, through dense undergrowth. Asc. very slightly to
 6.00 Divide, between Williams and Colorado Rivers, brs. NE. and SW. Desc. slightly to
 39.97 1/2 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;
 S4 in N.,
 S9 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.
 79.95 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, sandy loam, 2nd rate.
 No timber.

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Subdivision of T. 14 N., R. 17 W.

Chains.	Undergrowth, greasewood, yucca and cacti.
40.00	N.0° 2' W., on a random line, bet. secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.
80.11	Intersect N. bdy. of Tp., 8 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, established by J. M. M., as described in Book "A". Thence I run S.0° 5' E., on a true line, bet. secs. 4 and 5. Over level land, through dense undergrowth.
40.11	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., 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.
80.11	The cor. of secs. 4, 5, 8 and 9. Land, level. Soil, sandy loam, 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti. Mar. 28, 1915: At this cor., I set off 2° 48 $\frac{1}{2}$ ' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 35' N. Mar. 28, 1915.
	Mar. 22, 1915: At 2 hrs., 5 m. p.m., 1.m.t., I set off 34° 30 $\frac{1}{2}$ ' N. on the lat. arc; 0° 29' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is a stone, established by me, as described in Book "A". Thence I run N.0° 3' W., bet. secs. 31 and 32. Over mountainous land, through dense undergrowth. Asc. rocky SW. slope, 380 ft. to Top of rim, brs. E. and W. Desc. rocky NW. slope, 625 ft.
37.00	Impracticable to set an iron post at this point. Set a granite stone, 16 X 12 X 5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft high, W. of cor. Pits impracticable.
40.00	Foot of desc., brs. NE. and SW. Thence over rolling land.
65.00	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; T14N R17W in N. half; S30 in NW., S29 in NE., S32 in SE. and S31 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
80.00	Land, mountainous. Soil, rocky 4th rate. No timber. Undergrowth, greasewood, ocatilla, cacti, palo verde and sage brush. Mar. 22, 1915.

Chains
 Mar. 26, 1915.
 N.89° 56' E., on a random line, bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.85 Intersect N. and S. line, at the cor. of secs. 28, 29, 32 and 33.
 Thence I run
 S.89° 56' W., on a true line, bet. secs. 29 and 32.
 Over rolling land, through dense undergrowth.
 11.70 Rocky wash, 30 lks. wide, course NE. Asc. NE. slope, 120 ft. to
 33.80 Point of spur, brs. N. Desc. NW. slope, 185 ft.
 39.92 $\frac{1}{2}$ Impracticable to set an iron post at this point. Set a lava stone, 20 X 10 X 8 ins., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 57.30 Wash, 10 lks. wide, course NE.
 79.85 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, ocatilla, greasewood and cacti.
 Mar. 26, 1915.

Mar. 22, 1915.
 S.89° 56' W., on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.25 Intersect W. bdy. of Tp., 4 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° 58' E., on a true line, bet. secs. 30 and 31.
 Over rolling land, through dense undergrowth.
 4.30 Wash, 20 lks. wide, course SE.
 11.00 Wash, 40 lks. wide, course SE.
 35.00 Wash, 50 lks. wide, course SE.
 39.25 Impracticable to set an iron post at this point. Set a granite stone, 16 X 10 X 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 43.00 Road, brs. NE. to Yucca, and SW. to Standard Mine.
 79.25 The cor. of secs, 29, 30, 31 and 32.
 Land, rolling.
 Soil, rocky, 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca, palo verde and ocatilla.

N.0° 3' W., bet. secs. 29 and 30.
 Over rolling land, through dense undergrowth.
 21.40 Wash, 12 lks. wide, course SE.
 40.00 Impracticable to set an iron post at this point. Set a granite stone, 16 X 10 X 5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 44.50 Wash, 10 lks. wide, course E.
 67.50 Wash, 10 lks. wide, course E.
 78.50 Wash, 30 lks. wide, course NE.
 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

Chains.

	<p>1915 on S. rim; T14N R17W in N. half; S19 in NW., S20 in NE., S29 in SE. and S30 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, rolling desert. Soil, 2nd rate. No timber. Undergrowth, greasewood palo verde, ocatilla and cacti. Mar. 22, 1915.</p>
	<p>Mar. 27, 1915: At 8 hrs. a.m., l.m.t., I set off 34° 32' N. on the lat. arc; 2° 22' N. on the decl. arc; and deter- mine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30. Thence I run N.89° 56' E., on a random line, bet. secs. 20 and 29. 40.00 Set temp. ¼ sec. cor. 79.95 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence I run S.89° 55' W., on a true line, bet. secs. 20 and 29. Over rolling mountainous land, through dense undergrowth. Asc. NE. slope, 225 ft. to 24.65 Top of rocky butte, Desc. W. slope, 215 ft. to 36.40 Wash, 10 lks. wide, course NE. 39.97½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; S20 in N., S29 in S. and ¼ in W. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. 41.20 Wash, 25 lks. wide, course NE. 70.00 Wash, 15 lks. wide, course SE. 78.00 Same wash, course NE. 79.95 The cor. of secs. 19, 20, 29 and 30. Land, rolling. Soil, 2nd rate. No timber. Undergrowth, palo verde, greasewood, yucca and ocatilla.</p>
	<p>S.89° 58' W., on a random line, bet. secs. 19 and 30. 40.00 Set temp. ¼ sec. cor. 79.25 Intersect W. bdy. of Tp., 5 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 N.89° 56' E., on a true line, bet. secs. 19 and 30. Over rolling desert land, through dense undergrowth. 9.95 Wash, course SE. 17.25 Same wash, course NE. 23.45 Same wash, 15 lks. wide, course SE. 39.25 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; S19 in N., S30 in S. and ¼ in W. half;</p>

Chains.	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p> <p>46.85 Wash, 50 lks. wide, course NE.</p> <p>63.75 Road, brs. NE. to Yucca, and SW. to Standard Mine.</p> <p>79.25 The cor. of secs. 19, 20, 29 and 30. Land, rolling. Soil, 4th rate, rocky. No timber. Undergrowth, palo verde, greasewood and ocatilla.</p>
13.00 16.60 24.70 29.30 40.00	<p>N.0° 3' W., bet. secs. 19 and 20. Over rolling desert land, through dense undergrowth. Road, brs. E. to Yucca, and W. to Standard Mine.</p> <p>16.60 Wash, 30 lks. wide, course NE.</p> <p>24.70 Road, brs. NE. to Yucca, and SE. to Standard Mine.</p> <p>29.30 Same road, brs. NW. and SE.</p> <p>40.00 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., S20 in E. and S19 in W. half;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p>
44.30 45.60 63.00 78.60 80.00	<p>44.30 Same road, brs. NE. and SW.</p> <p>45.60 Wash, 25 lks. wide, course NE.</p> <p>63.00 Wash, 20 lks. wide, course E.</p> <p>78.60 Wash, 20 lks. wide, course E.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap 1915 on S. rim; T14N R17W in N. half; S18 in NW., S17 in NE., S20 in SE. and S19 in SW. quadrant;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Land, rolling desert. Soil, 2nd rate. No timber. Undergrowth, palo verde, cacti, greasewood and ocatilla. Mar. 27, 1915: At this cor., I set off 2° 25' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 33' N.</p>
40.00 79.90	<p>N.89° 55' E., on a random line, bet. secs. 17 and 20. Set temp. ¼ sec. cor.</p> <p>79.90 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence I run</p>
39.95	<p>S.89° 57' W., on a true line, bet. secs. 17 and 20. Over rolling desert land, through dense undergrowth.</p> <p>39.95 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, on solid rock, for ¼ sec. cor., marked on brass cap 1915 on S. rim; S17 in N., S20 in S. and ¼ in W. half;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p>
69.90	<p>69.90 Road, brs. NW. to Yucca, and SE. to Standard Mine.</p>

Chains. 79.90	The cor. of secs. 17, 18, 19 and 20. Land, rolling desert. Soil, 2nd rate. No timber. Undergrowth, ocatilla, greasewood, cacti and palo verde.
40.00 79.12	S.89° 56' W., on a random line, bet. secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy of Tp., 5 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is a stone, established by J.M.M. as described in Book "A". Thence I run N.89° 54' E., on a true line, bet. secs. 18 and 19. Over mountainous land, through dense undergrowth. Asc. NW. slope, 95 ft. to 6.50 Spur, ridge, brs. N. Desc. broken NE. slope, 300 ft. to 39.12 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; S18 in N., S19 in S. and $\frac{1}{4}$ in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Thence over rolling desert land, 51.32 Wash, 20 lks. wide, course SE. 77.12 Wash, 20 lks. wide, course SE. 79.12 The cor. of secs. 17, 18, 19 and 20. Land, rolling and mountainous. Soil, 2nd and 3rd rate. No timber. Undergrowth, greasewood, cacti, palo verde and yucca.
16.70 19.20 33.60 36.50 40.00	N.0° 3' W., bet. secs. 17 and 18. Over rolling desert land, through dense undergrowth. Wash, 10 lks. wide, course E. Road, brs. NW. to Yucca, and SE. to Standard Mine. Wash, 20 lks. wide, course E. Same road, brs. NE. and SW. 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., S17 in E. and S18 in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Mar. 27, 1915.
70.00 75.30 80.00	Mar. 28, 1915. Wash, 15 lks. wide, course NW. Wash, 10 lks. wide, course E. 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 1915 on S. rim; T14N R17W in N. half; S7 in NW., S8 in NE., S17 in SE. and S18 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Chains.

Land, rolling desert.
Soil, 2nd rate.
No timber.
Undergrowth, greasewood, palo verde, ocatilla and cacti.

40.00 N.89° 57' E., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line, 7 lks.N. of the cor. of secs. 8, 9, 16 and 17.
Thence I run
West on a true line, bet. secs. 8 and 17.
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;
S8 in N.,
S17 in S. and
 $\frac{1}{4}$ in W. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
47.00 Road, brs. NE. and SW.
80.00 The cor. of secs.7, 8, 17 and 18.
Land, rolling desert.
Soil, 2nd rate.
No timber.
Undergrowth, palo verde, ocatilla, greasewood and cacti.
Mar. 28, 1915.

Mar. 29, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off
34° 34' N. on the lat. arc; 3° 8 $\frac{1}{2}$ ' 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
S.89° 54' W., on a random line, bet. secs. 7 and 18.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.00 Intersect W. bdy. of Tp., 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is a stone, established by J.M.M. as described in Book "A".
Thence I run
N.89° 59' E., on a true line, bet. secs. 7 and 18.
Over rolling desert land, through dense undergrowth.
24.40 Wash, 60 lks. wide, course NE.
39.00 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;
S7 in N.,
S18 in S. and
 $\frac{1}{4}$ in W. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
64.00 Divide between Williams and Colorado Rivers, brs. NE. and SW.
79.00 The cor. of secs. 7, 8, 17 and 18.
Land, rolling desert.
Soil, rocky,, 3rd rate.
No timber.
Undergrowth, greasewood, palo verde, ocatilla and cacti.

Chains.	N.0° 3' W., bet. secs. 7 and 8. Over rolling desert land, through dense undergrowth. Asc. to
10.00	Divide between Williams and Colorado Rivers, brs. NE. and SW. Desc. to
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., S8 in E. and S7 in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
59.00	Wash, 1 ch. wide, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap 1915 on S. rim; T14N R17W in N. half; S6 in NW., S5 in NE., S8 in SE. and S7 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Land, rolling desert. Soil, 2nd rate. No timber. Undergrowth, yucca, palo verde, cacti and greasewood.
40.00	East on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor.
80.07	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9. Thence I run S.89° 57' W., on a true line, bet. secs. 5 and 8. Over level desert land, through dense undergrowth.
40.03 $\frac{1}{2}$	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; S5 in N., S8 in S. and $\frac{1}{4}$ in W. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
	Mar. 29, 1915; At this cor., I set off 3° 12' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 35' N.
49.77	Road, brs. N. to Yucca, and S. to Standard Mine.
55.07	Wash, 1 ch. wide, course NE.
80.07	The cor. of secs. 5, 6, 7 and 8. Land, level desert. Soil, sandy loam, 2nd rate. No timber. Undergrowth, yucca, palo verde, greasewood and cacti. A. S. Mar. 29, 1915.
	J. M. M.
	Mar. 27, 1915.
40.00	S.89° 59' W., on a random line, bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
78.79	Intersect W. bdy of Tp., 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is a stone, established by me as described in Book "A". Thence I run S.89° 58' E., on a true line, bet. secs. 6 and 7. Over rolling desert land, through scattering undergrowth.

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For Certificate of U.S. Surveyor and U.S. Transitman
see page II, book "B" of this Group

FINAL OATH OF UNITED STATES SURVEYOR.

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, April 10, 1917.

The foregoing field notes of the survey of _____ the Subdivision Lines of _____

Township 14 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.

Frank D. Frost
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.~~