

Book "Y"

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BOOK 2957

Subdivisions

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 16 NORTH, RANGE 18 WEST

2957

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Albert Smith Jr., U.S. Surveyor

and

Ray D. Armstrong, U.S. Transitman

2957

~~In the capacity of U. S. Surveyor~~, 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 29, 1916

Survey completed April 8, 1916

6-151

1A

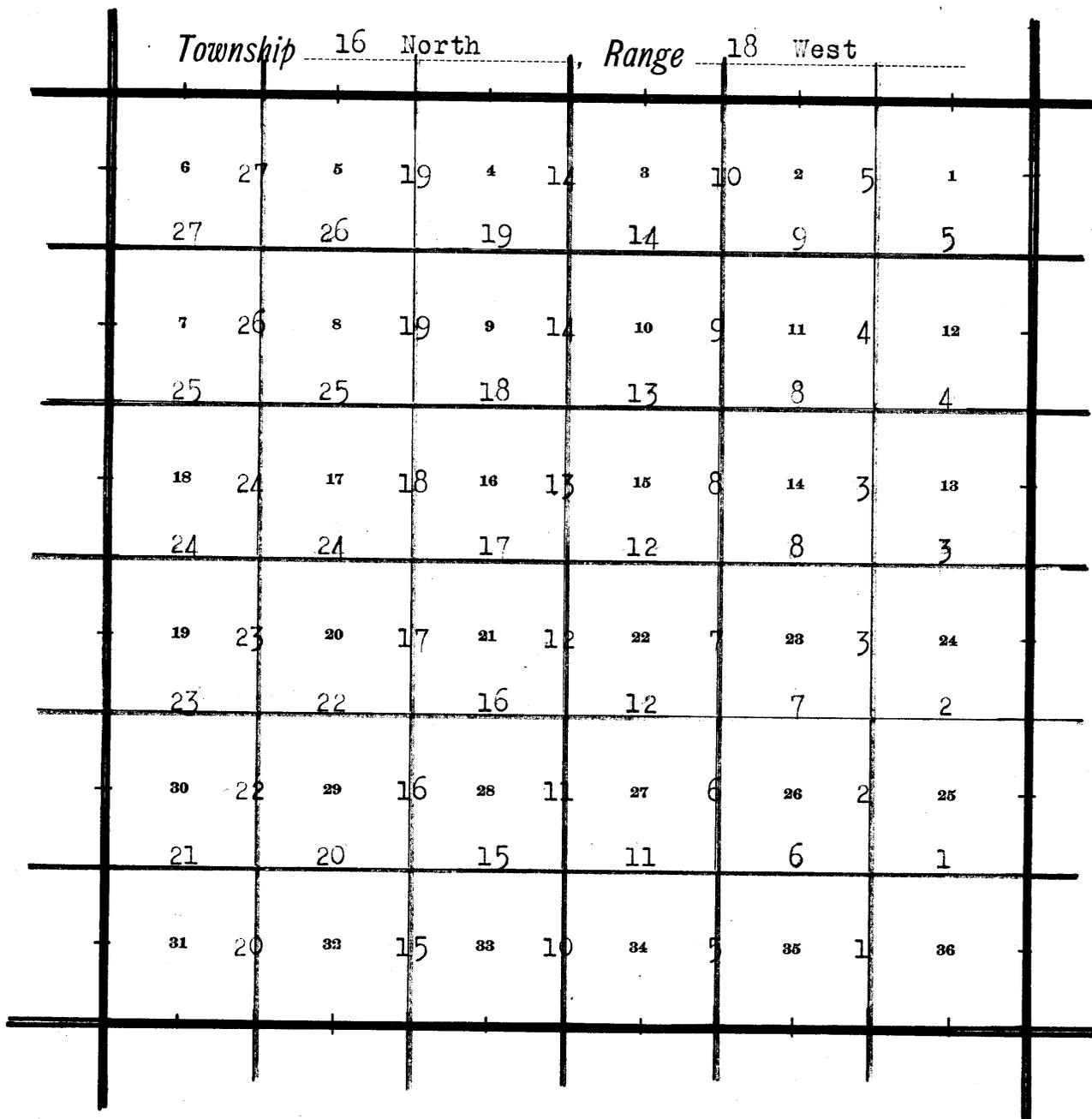
Book "Y"

Group 42, Arizona

BOOK 2957

(Subdivisions)

INDEX DIAGRAM.



———— Township Exteriors. Notes in Book "A"

———— Subdivision lines surveyed under this Group.

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

1B

Chains.

Survey commenced Mar. 29, 1916, and executed jointly by Albert Smith, Jr., U. S. Surveyor, and Ray D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits Nos. 8583 and 8396, respectively, with Smith solar attachments. For description of instruments and certificate of approval, see subdivision of T. 13 N., R. 19 W. in book "P". For tests of adjustment, see subdivision of T. 16 N., R. 19 W. in book "S".

In the following field notes, the initials A. S. and R. D. A. refer to Albert Smith, Jr., U. S. Surveyor, and Ray D. Armstrong, U. S. Transitman, respectively.

A. S. and R. D. A.

R. D. A.

At 8 hrs. 55 m., a.m., l.m.t., I set off $34^{\circ} 41' N.$ on the lat. arc; $3^{\circ} 27' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by J. M. McKinney, Jr., U. S. Transitman, as described in Book "A".

Thence I run

N. $0^{\circ} 1' W.$, bet. secs. 35 and 36.

Over rolling land, through dense undergrowth.

24.00 Center of wash, 70 lks. wide, course E.

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

1916 on S. rim;

 $\frac{1}{4}$ S35 in W. and

S36 in E. 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.

50.00 Center of wash, 70 lks. wide, course E.

71.30 Center of wash, 1 ch. wide, course E.

76.50 Center of wash, 1 ch. wide, course NW.

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

1916 on S. rim;

T16N R18W in N. half;

S26 in NW.,

S25 in NE.,

S36 in SE. and

S35 in SW. quadrant;

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

Land, rolling.

Soil, sandy; 2nd rate.

No timber.

Undergrowth, greasewood, yucca, cat claw and cacti.

R. D. A.

A. S.

At 9 hrs. 50 m., a.m., l.m.t., I set off $34^{\circ} 42' N.$ on the lat. arc; $3^{\circ} 27\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.

Thence I run

N. $89^{\circ} 54' E.$, on a random line, bet. secs. 25 and 36.40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect E. bdy. of Tp., at 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. $89^{\circ} 54' W.$, on a true line, bet. secs. 25 and 36.

Over level land, through dense undergrowth.

39.99 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

1916 on S. rim;

 $\frac{1}{4}$ S25 in N. and

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

Chains.

79.88 S36 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
The cor. of secs. 25, 26, 35 and 36.
Land, level.
Soil, 1st rate; sandy;
No timber.
Undergrowth, greasewood, yucca and cacti.
A. S.

40.00 R. D. A.
N.0° 1' W., bet. secs. 25 and 26.
Over rolling 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
1916 on S. rim;
 $\frac{1}{4}$ S26 in W. and
S25 in E. 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.
Mar. 29, 1916: At this cor., I set off 3° 29 $\frac{1}{2}$ ' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 42' N.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap
1916 on S. rim;
T16N R18W in N. half;
S23 in NW.,
S24 in NE.,
S25 in SE. and
• S26 in SW. quadrant;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling and level.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca, cat claw and cacti.

40.00 N.89° 54' E., on a random line, bet secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect E. bdy. of Tp., 9 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".
Thence I run
S.89° 50' W., on a true line, bet. secs. 24 and 25.
Over rolling 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
1916 on S. rim;
 $\frac{1}{4}$ S24 in N. and
S25 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
79.96 The cor. of secs. 23, 24, 25 and 26.
Land, rolling.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
Mar. 29, 1916.

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

3.

Chains.

Mar. 30, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 42½' N. on the lat. arc; 3° 49½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 23, 24, 25 and 26.

Thence I run N.0° 1' W., bet. secs. 23 and 24.

40.00

Over rolling 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 1916 on S. rim; ¼S23 in W. and S24 in E. half;

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., 26 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

1916 on S. rim; T16N R18W 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., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.

40.00
79.96

N.89° 50' E., on a random line, bet. secs. 13 and 24. Set temp. ¼ sec. cor. Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by A. S., as described in Book "A".

Thence I run S.89° 53' W., on a true line, bet. secs. 13 and 24. Over rolling land, through dense undergrowth.

39.98

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S13 in N. and S24 in S. half;

79.96

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.

The cor. of secs. 13, 14, 23 and 24. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.

40.00

N.0° 1' W., bet. secs. 13 and 14. Over rolling 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 1916 on S. rim; ¼S14 in W. and S13 in E. 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.

Mar. 30, 1916: At this cor., I set off 3° 53' N. on the decl. arc; and at apparent noon, I observe the sun on

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

Chains.		
80.00	<p>the meridian; the resulting lat. is 34° 44' N. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap</p> <p style="padding-left: 40px;">1916 on S. rim; T16N R18W in N. half; S11 in NW., S12 in NE., S13 in SE. and S14 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; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.</p>	<p>—</p> <p>—</p>
40.00 79.92	<p>N.89° 53' E., on a random line, bet. secs. 12 and 13. Set temp. ¼ sec. cor. Intersect E. bdy. of Tp., 2 lks. S. 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° 52' W., on a true line, bet. secs. 12 and 13. Over rolling land, through dense undergrowth.</p> <p>39.96 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;">1916 on S. rim; ¼S12 in N. and S13 in S. 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> <p>79.92 The cor. of secs. 11, 12, 13 and 14. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.</p>	<p>—</p>
40.00 80.00	<p>N.0° 1' W., bet. secs. 11 and 12. Over rolling land, through dense undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p style="padding-left: 40px;">1916 on S. rim; ¼S11 in W. and S12 in E. 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, 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap</p> <p style="padding-left: 40px;">1916 on S. rim; T16N R18W in N. half; S2 in NW., S1 in NE., S12 in SE. and S11 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; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.</p>	<p>—</p> <p>—</p>

Subdivision of T. 16 N., R. 18 W. 5.

Chains.

40.00 N.89° 52' E., on a random line, bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect E. bdy. of Tp., 9 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, established by A. S., as described in Book "A".
Thence I run
S.89° 56' W., on a true line, bet. secs. 1 and 12.
Over rolling land, through dense undergrowth.

39.94 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
1916 on S. rim;
 $\frac{1}{4}$ S1 in N. and
S12 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

79.88 The cor. of secs. 1, 2, 11 and 12.
Land, rolling desert.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca, ocotillo and cacti.
Mar. 30, 1916.

Apr. 5, 1916.

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

79.96 Intersect N. bdy. of Tp., 8 lks. E. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, established by A. S., as described in Book "A".
Thence I run
S.0° 4' E., on a true line, bet. secs. 1 and 2.
Over level land, through dense undergrowth.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1916 on S. rim;
 $\frac{1}{4}$ S2 in W. and
S1 in E. 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.

79.96 The cor. of secs. 1, 2, 11 and 12.
Land, level.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca, ocotillo and cacti.
R. D. A
Apr. 5, 1916.

Mar. 29, 1916: A. S.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by J. M. McKinney, Jr., U. S. Transitman, as described in Book "A"., I run
N.0° 1' W., bet. secs. 34 and 35.
Over broken land, through dense undergrowth.

6.50 Wash, 15 lks. wide, 30 ft. deep, course NE.

29.00 Wash, 25 lks. wide, 20 ft. deep, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on bed rock, 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
1916 on S. rim;
 $\frac{1}{4}$ S34 in W. and
S35 in E. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

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Chains.	
	<p>W. of cor. Pits impracticable. Asc. to 44.00 Spur, extends 20 chs. E. Desc. 45 ft. to 46.00 Wash, 20 lks. wide, course E. Asc. 185 ft. to 61.10 Ridge, brs. E. and W. Desc. 275 ft. 73.15 Spur, brs. NE. Desc. NW. slope to 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap</p> <p style="padding-left: 40px;">1916 on S. rim; T16N R18W in N. half; S27 in NW., S26 in NE., S35 in SE. and S34 in SW. quadrant;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, broken and mountainous. Soil, rocky; 4 th rate. No timber. Undergrowth, greasewood, ocotillo and cacti. Mar. 29, 1916: At this cor., I set off 3° 29½' N. on the decl. arc; and at apparant noon, I observe the sun on the meridian; the resulting lat. is 34° 42' N.</p>
40.00	N.89° 54' E., on a random line, bet. secs. 26 and 35.
80.00	Set temp. ¼ sec. cor. Intersect N. and S. line, 7 lks. N. of the cor. of secs. 25, 26, 35 and 36. Thence I run S.89° 57' W., on a true line, bet. secs. 26 and 35. Over rolling land, through dense undergrowth. .80 Center of wash, 1 ch. wide, course NW. 39.00 Wash, 25 lks. wide, course N. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
	1916 on S. rim; ¼S26 in N. and S35 in S. half;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
70.00	Asc. to
79.00	Spur, slopes NE. Desc. to
80.00	The cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, apalo verde, ocotillo and cacti.
40.00	N.0° 1' W., bet. secs. 26 and 27. Over rolling 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
	1916 on S. rim; ¼S27 in W. and S26 in E. half;
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
70.00	Center of wash, 1 ch. wide, course NW. Thence over level land.
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
	1916 on S. rim; T16N R18W in N. half; S22 in NW., S23 in NE.,

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7.

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Chains.	<p>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 and level desert. Soil, sand and gravel; 3rd rate. No timber. Undergrowth, greasewood, ocotillo and cacti.</p>
<p>40.00 80.06 40.03 74.00 80.06</p>	<p>N.89° 57' E., on a random line, bet. secs. 23 and 26. Set temp. ¼ sec. cor. Intersect N. and S. line, 7 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence Iron S.89° 54' W., on a true line, bet. secs. 23 and 26. Over level land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S23 in N. and S26 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Center of wash, 1 ch. wide, course NW. The cor. of secs. 22, 23, 26 and 27. Land, level. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Mar. 29, 1916. A. S.</p>
<p>3.50 7.40 40.00 80.00</p>	<p>Mar. 31, 1916: A. S. At 9 hrs. 4 m., a.m.; 1.m.t., I set off 34° 42½' N. on the lat. arc; 4° 13½' 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 land, through dense undergrowth. Center of wash, 80 lks. wide, course NW. Wash, 40 lks. wide, course NW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; ¼S22 in W. and S23 in E. 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. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap 1916 on S. rim; T16N R18W 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., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling desert. Soil, sandy; 2nd rate.</p>

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

Chains.

No timber.
Undergrowth, greasewood, yucca, cat claw and cacti.
Mar. 31, 1916.

- Mar. 31, 1916.
N.89° 54' E., on a random line, bet. secs. 14 and 23.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
13, 14, 23 and 24.
Thence I run
S.89° 51' W., on a true line, bet. secs. 14 and 23.
Over rolling land, through dense undergrowth.
40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1916 on S. rim;
 $\frac{1}{4}$ S14 in N. and
S23 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N. of cor.
80.06 The cor. of secs. 14, 15, 22 and 23.
Land, rolling desert.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
Mar. 31, 1916.

- Mar. 31, 1916.
N.0° 1' W., bet. secs. 14 and 15.
Over rolling 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
1916 on S. rim;
 $\frac{1}{4}$ S15 in W. and
S14 in E. 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, $\frac{1}{2}$ ins. diam., 26 ins. in the
ground, for cor. of secs. 10, 11, 14 and 15, marked on
brass cap
1916 on S. rim;
T16N R18W 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; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and ocotillo.

- N.89° 51' E., on a random line, bet. secs. 11 and 14.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line, 7 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 land, through dense undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

<p>Chains. 80.00</p>	<p>ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$S11 in N. and S14 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. The cor. of secs. 10, 11, 14 and 15. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, ocotillo, yucca and cacti.</p>
<p>40.00 80.00</p>	<p>N.0° 1' W., bet. secs. 10 and 11. Over rolling 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 1916 on S. rim; $\frac{1}{4}$S10 in W. and S11 in E. 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. Mar. 31, 1916: At this cor., I set off 4° 16' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 45' N. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap 1916 on S. rim; T16N R18W in N. half; S3 in NW., S2 in NE., S11 in SE. and S10 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.</p>
<p>40.00 80.00 40.00 80.00</p>	<p>N.89° 48' E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 2 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence I run S.89° 49' W., on a true line, bet. secs. 2 and 11. Over rolling 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 1916 on S. rim; $\frac{1}{4}$S2 in N. and S11 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. The cor. of secs. 2, 3, 10 and 11. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Mar. 31, 1916.</p>

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

Chains.

Apr. 6, 1916: At 7 hrs. 30 m., a.m., l.m.t., I set off 34° 45' N. on the lat. arc; 6° 30½' N. on the decl. arc; and determine a meridian with the solat at the cor. of secs. 2, 3, 10 and 11.

Thence I run
N.0° 1' W., on a random line, bet. secs. 2 and 3.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, established by A. S., as described in Book "A".

Thence I run
S.0° 8' E., on a true line, bet. secs. 2 and 3.
Over level land through dense undergrowth.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
¼S3 in W. and
S2 in E. 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.

80.02 The cor. of secs. 2, 3, 10 and 11.
Land, level desert.
Soil, sandy; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca, ocotillo and cacti.
Apr. 6, 1916.

Apr. 1, 1916: At 8 hrs. 4 m., a.m., l.m.t., I set off 34° 41' N. on the lat. arc; 4° 36' 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 J. M. McKinney, Jr., U. S. Transitman, as described in Book "A".

Thence I run
N.0° 2' W., bet. secs. 33 and 34.
Over mountainous land, through scattering undergrowth.

14.50 Asc. 135 ft. to
Spur, slopes E. Desc. 120 ft. to

30.20 Asc. 45 ft. to

37.30 Desc. 155 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 20 ins. in a mound of stone, for ¼ sec. cor. marked on brass cap
1916 on S. rim;
¼S33 in W. and
S34 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

50.35 Asc. 55 ft. to

59.10 Ridge, brs. E. and W. Desc. 60 ft. to

65.15 Asc. 85 ft. to

75.00 Desc. 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap
1916 on S. rim;
T16N R18W in N. half;
S28 in NW.,
S27 in NE.,
S34 in SE. and
S33 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.
Soil, rocky; 3rd and 4th rate.
No timber.
Undergrowth, greasewood, palo verde, yucca and cacti.

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

Chains.

Undergrowth, greasewood, palo verde, ocotillo and cacti.

40.00 N.89° 52' E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
79.90 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.
Thence I run
S.89° 54' W., on a true line, bet. secs. 22 and 27.
Over rolling land, through dense undergrowth.
13.80 Center of wash, 80 lks. wide, course NW.
18.80 Center of wash, 70 lks. wide, course N.
36.40 Wash, 40 lks. wide, course N.
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
1916 on S. rim;
 $\frac{1}{4}$ S22 in N. and
S27 in S. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
52.80 Wash, 40 lks. wide, course N.
79.90 The cor. of secs. 21, 22, 27 and 28.
Land, rolling.
Soil, sandy; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood, yucca, ocotillo and cacti.
Apr. 4, 1916: At this cor., I set off 5° 48' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 42 $\frac{1}{2}$ ' N.

6.10 N.0° 2' W., bet. secs. 21 and 22.
Over rolling land, through dense undergrowth.
40.00 Center of wash, 70 lks. wide, course NW.
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
1916 on S. rim;
 $\frac{1}{4}$ S21 in W. and
S22 in E. 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.
55.70 Center of wash, 70 lks. wide, course NW.
67.20 Center of wash, 1.10 chs. wide, course NW.
71.15 Wash, 40 lks. wide, course NW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap
1916 on S. rim;
T16N R18W 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; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 15 and 22.
Set temp. $\frac{1}{4}$ sec. cor.
79.82 Intersect N. and S. line, 11 lks. N. of the cor. of secs.

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

13.

Chains.	
39.91	<p>14, 15, 22 and 23. Thence I run S.89° 59' W., on a true line, bet. secs. 15 and 22. Over rolling land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$S15 in N. and S22 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
79.82	<p>The cor. of secs. 15, 16, 21 and 22. Land, rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, ocotillo, yucca and cacti.</p> <hr/> <p>N.0° 2' W., bet. secs. 15 and 16. Over rolling land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$S16 in W. and S15 in E. half; dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap 1916 on S. rim; T16N R18W 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; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Apr. 4, 1916.</p> <hr/> <p>Apr. 5, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 44$\frac{1}{2}$' N. on the lat arc; 6° 7$\frac{1}{2}$' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16.</p>
40.00	<p>Thence I run N.89° 59' E., on a random line, bet. secs.10 and 15. Set temp. $\frac{1}{4}$ sec. cor.</p>
79.90	<p>Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.</p>
39.95	<p>Thence I run S.89° 58' W., on a true line, bet. secs. 10 and 15. Over rolling 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 1916 on S. rim; $\frac{1}{4}$S10 in N. and S15 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>

14.

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

Chains. 79.90	The cor. of secs. 9, 10, 15 and 16. Land, rolling and level. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.
40.00	N.0° 2' W., bet. secs. 9 and 10. Over level land, through dense undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$ S9 in W. and S10 in E. 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. 3, 4, 9 and 10, marked on brass cap 1916 on S. rim; T16N R18W in N. half; S4 in NW., S3 in NE., S10 in SE. and S9 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, level. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, ocotillo, yucca and cacti. Apr. 5, 1916: At this cor., I set off 6° 11' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 45' N.
40.00	N.89° 58' E., on a random line, bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line, 7 lks. S. 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 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 1916 on S. rim; $\frac{1}{4}$ S3 in N. and S10 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
79.96	The cor. of secs. 3, 4, 9 and 10. Soil, sandy; 2nd rate. Land, level. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Apr. 5, 1916.
40.00	Apr. 7, 1916. N.0° 2' W., on a random line, bet. secs. 3 and 4. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. bdy. of Tp., 14 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, established by A. S., as described in Book "A8". Thence I run

Chains.

2.52	S.0° 8' E., on a true line, bet. secs. 3 and 4. Over level land, through dense undergrowth.
40.02	"Old Trails" Highway, brs. NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$ S4 in W. and S3 in E. 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.
80.02	The cor. of secs. 3, 4, 9 and 10. Land, level desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Apr. 7, 1916.
11.67	Apr. 3, 1916: At 8 hrs. 8 m., a.m., l.m.t., I set off 34° 41' N. on the lat. arc; 5° 22' 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 a stone, established by J. M. McKinney, Jr., U. S. Transitman, as described in Book "A"
25.00	Thence I run N.0° 2' W., bet. secs. 32 and 33. Over mountainous land, through scattering undergrowth. Asc. S. slope, 135 ft. to Ridge, brs. E. and W. Desc. 155 ft. to Wash, 20 lks. wide, course NW. Thence over rolling land.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$ S32 in W. and S33 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
49.10	Asc. 25 ft. to
50.10	Desc. 10 ft. to
56.67	Asc. 45 ft. to
65.00	Desc. 25 ft. to
71.40	Asc. 25 ft. to
80.00	Desc. 25 ft. to Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap 1916 on S. rim; T16N R18W in N. half; S29 in NW., S28 in NE., S33 in SE. and S32 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky; 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocotillo and cacti.
40.00	N.89° 54' E., on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence I run S.89° 55' W., on a true line, bet. secs. 28 and 33. Over mountainous and rolling land, through scattering

16.

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

Chains.

1.25 undergrowth, Asc. 25 ft. to
 24.55 Spur, brs. N. Desc. 185 ft. to
 28.90 Asc. 35 ft. to
 36.74 Spur, slopes N. Desc. 60 ft. to
 39.92 Wash, 40 lks. wide, course N.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap
 1916 on S. rim;
 $\frac{1}{4}$ S28 in N. and
 S33 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 44.40 Wash, 40 lks. wide, course NW.
 56.20 Wash, 50 lks. wide, course N.
 65.40 Wash, 30 lks. wide, course NW.
 79.84 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling and mountainous.
 Soil, rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo and cacti.
 Apr. 3, 1916: At this cor., I set off $5^{\circ} 25\frac{1}{2}'$ N. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is $34^{\circ} 42'$ N.

N. $0^{\circ} 2'$ W., bet. secs. 28 and 29.
 Over mountainous land, through scattering undergrowth.
 Desc. 30 ft. to
 7.18 Wash, 25 lks. wide, course NW. Asc. 55 ft. to
 13.22 Spur, slopes NW. Desc. 115 ft. to
 22.41 Wash, 30 lks. wide, course NE. Thence over rolling land.
 26.10 Wash, 30 lks. wide, course NW.
 31.00 Wash, 30 lks. wide, course W. Asc. slightly.
 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
 1916 on S. rim;
 $\frac{1}{4}$ S29 in W. and
 S28 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Asc. 30 ft. to
 45.00 Low hill, brs. E. and W. Desc. N. slope, 100 ft.
 51.50 Wash, 40 lks. wide, course NE.
 53.05 Same wash, course NW.
 74.55 Same wash, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 20, 21, 28 and 29, marked on
 brass cap
 1916 on S. rim;
 T16N R18W in N. half;
 S20 in NW.,
 S21 in NE.,
 S28 in SE. and
 S29 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling and mountainous.
 Soil, rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo and cacti.
 Apr. 3, 1916.

Apr. 4, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off
 $34^{\circ} 42\frac{1}{2}'$ N. on the lat. arc; $5^{\circ} 45'$ N. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 20, 21, 28 and 29.
 Thence I run
 N. $89^{\circ} 55'$ E., on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.

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

17.

Chains.

79.90

Intersect N. and S. line, 11 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence I run

West on a true line, bet. secs. 21 and 28.

Over rolling land, through scattering undergrowth.

17.10

Center of wash, 60 lks. wide, course NW.

20.80

Center of wash, 90 lks. wide, course NW.

27.90

Center of wash, 70 lks. wide, course NE.

39.95

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

1916 on S. rim;

$\frac{1}{4}$ S21 in N. and

S28 in S. half;

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

60.40

Wash, 30 lks. wide, course NW. Asc. 40 ft. to

68.40

Desc. 10 ft. to

69.90

Asc. 15 ft. to

71.40

Desc. 20 ft. to

77.40

Center of wash, 1 ch. wide, course N.

79.90

The cor. of secs. 20, 21, 28 and 29.

Land, rolling.

Soil, sandy; 3rd rate.

No timber.

Undergrowth, greasewood, palo verde, ocotillo and cacti.

R. D. A.

Apr. 4, 1916.

Apr. 5, 1916: A. S.

N.0° 2' W., bet. secs. 20 and 21.

Over rolling land, through dense undergrowth.

2.60

Wash, 35 lks. wide, 10 ft. deep, course N. 15° W.

40.00

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

1916 on S. rim;

$\frac{1}{4}$ S20 in W. and

S21 in E. half;

and raise a mound of stone, 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. 16, 17, 20 and 21, marked on brass cap

1916 on S. rim;

T16N R18W 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.

Land, rolling desert.

Soil, sand and gravel; 3rd rate.

No timber.

Undergrowth, greasewood, ocotillo and cacti.

40.00

East on a random line, bet. secs. 16 and 21.

79.98

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

Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.

Thence I run

West on a true line, bet. secs. 16 and 21.

Over rolling land, through dense undergrowth.

18.50

Center of wash, 60 lks. wide, course NW.

30.00

Center of wash, 1 ch. wide, course NW.

35.00

Center of wash, 1 ch. wide, course NW.

39.99

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

18.

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

Chains.

- ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 $\frac{1}{4}$ S16 in N. and
 S21 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.
- 77.30 Wash, 50 lks. wide, 10 ft. deep, course N.
 79.98 The cor. of secs. 16, 17, 20 and 21.
 Land, level and rolling.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, greasewood, ocotillo and palo verde.
-
- N.0° 2' W., bet. secs. 16 and 17.
 Over rolling land, through dense undergrowth.
 15.00 Leave rolling, thence over level land.
 26.70 Center of wash, 70 lks. wide, course NW.
 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
 1916 on S. rim;
 $\frac{1}{4}$ S17 in W. and
 S16 in E. 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.
- 41.70 Center of wash, 60 lks. wide, course NW.
 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
 1916 on S. rim;
 T16N R18W 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, level and rolling.
 Soil, sandy; 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 Apr. 5, 1916: At this cor., I set off 6° 11' 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.
-
- East on a random line, bet. secs. 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
 9, 10, 15 and 16,
 Thence I run
 S.89° 59' W., on a true line, bet. secs. 9 and 16.
 Over level land, through dense undergrowth.
- 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 $\frac{1}{4}$ S9 in N. and
 S16 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.
- 79.94 The cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil, sand and gravel; 3rd rate.
 No timber.

Chains.	
	Undergrowth, greasewood, yucca, ocotillo and cacti.
<p>32.90 40.00</p> <p>80.00</p>	<p>N.0° 2' W., bet. secs. 8 and 9. Over level land, through dense undergrowth. Wash, 20 lks. wide, course W.</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 1916 on S. rim; $\frac{1}{4}$S8 in W. and S9 in E. 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., 26 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap 1916 on S. rim; T16N R18W in N. half; S5 in NW., S4 in NE., S9 in SE. and S8 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, level. Soil, sandy; 3rd rate. No timber. Undergrowth, greasewood and ocotillo.</p>
<p>40.00 80.08</p> <p>40.04</p> <p>80.08</p>	<p>N.89° 59' E., on a random line, bet. secs. 4 and 9. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line, 9 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence I run S.89° 55' W., on a true line, bet. secs. 4 and 9. Over gently rolling land, through dense 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 1916 on S. rim; $\frac{1}{4}$S4 in N. and S9 in S. 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. 4, 5, 8 and 9. Land, gently rolling. Soil, sandy; 3rd rate. No timber. Undergrowth, greasewood, ocotillo, yucca and cacti A. S. Apr. 5, 1916.</p>
<p>40.00 79.97</p>	<p>Apr. 8, 1916: R. D. A. N.0° 2' W., on a random line, bet. secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, established by A. S., as described in Book "A". Thence I run S.0° 5' E., on a true line, bet. secs. 4 and 5.</p>

20.

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

Chains.

39.97 Over level 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
1916 on S. rim;
 $\frac{1}{4}$ S5 in W. and
S4 in E. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

52.00 "Old Trails" Highway, brs. NE. and SW.

64.50 Center of wash, 80 lks. wide, course SW.

79.97 The cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and ocotillo.

R. D. A.
Apr. 8, 1916.

Apr. 4, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 41'$ N. on the lat. arc; $5^{\circ} 45'$ 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 J. M. McKinney, Jr., U. S. Transitman, as described in Book "A".
Thence I run
N. $0^{\circ} 3'$ W., bet. secs. 31 and 32.
Over mountainous land, through dense undergrowth.

5.90 Wash, 25 lks. wide, course W. Asc. 260 ft. to

32.80 Ridge, brs. E. and W. Desc. 200 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on bed rock, 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
1916 on S. rim;
 $\frac{1}{4}$ S31 in W. and
S32 in E. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

46.20 Wash, 15 lks. wide, course W. Asc. 25 ft. to

55.20 Desc. 35 ft. to

58.45 Wash, 15 lks. wide, course W. Asc. 45 ft. to

65.60 Hill, brs. E. and W. Desc. 65 ft. to

72.00 Wash, 15 lks. wide, course W.

80.00 Point for cor. of secs. 29, 30, 31 and 32, falls where it cannot be properly established. I return to

79.50 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for witness cor. to cor. of secs. 29, 30, 31 and 32, marked on brass cap
1916 on S. rim;
WC T16N R18W 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.
Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood.

A. S.
Apr. 4, 1916.

Apr. 4, 1916: A. S. and R. D. A.
From the true point for cor. of secs. 29, 30, 31 and 32,
I run:
N. $89^{\circ} 54'$ E., on a random line, bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.

40.00

Chains.

80.28 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.
 Thence I run
 S.89° 53' W., on a true line, bet. secs. 29 and 32.
 Over mountainous land, through scattering undergrowth.
 Asc. 90 ft. to
 9.07 Spur, slopes N. Desc. 120 ft. to
 26.90 Center of wash, 70 lks. wide, course NW. Asc. 50 ft. to
 33.50 Spur, slopes N. Desc. W. slope, 80 ft.
 40.14 Point for $\frac{1}{4}$ sec. cor. falls where it cannot be properly established.
 40.40 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 WC $\frac{1}{4}$ S29 in N. and
 S32 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 45.85 Foot of desc.; asc. 105 ft. to
 53.15 Desc. 25 ft. to
 55.60 Asc. 25 ft. to
 60.60 Ridge, brs. N. and S. Desc. 135 ft. to
 70.30 Foot of desc.; thence over rolling land.
 78.60 Wash, 15 lks. wide, 15 ft. deep, course NW.
 80.28 The true point for cor. of secs. 29, 30, 31 and 32.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde and ocotillo.

Apr. 4, 1916.
A. S. and R. D. A.

Apr. 4, 1916: A. S.
 From the true point for cor. of secs. 29, 30, 31 and 32,
 I run
 S.89° 54' W., on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.13 Intersect W. 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
 N.89° 57' E., on a true line, bet. secs. 30 and 31.
 Over hilly land, through scattering undergrowth.
 Asc. 35 ft. to
 8.20 Hill, brs. N. and S. Desc. 40 ft. to
 19.85 Asc. 45 ft. to
 36.75 Desc. 50 ft. to
 38.13 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, on bed rock, 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 $\frac{1}{4}$ S30 in N. and
 S31 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Asc. 15 ft. to
 45.00 Desc. 30 ft. to
 59.90 Wash, 25 lks. wide, 20 ft. deep, course N. Asc. 40 ft. to
 68.86 Desc. to
 78.13 The true point for cor. of secs. 29, 30, 31 and 32.
 Land, hilly.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, greasewood and ocotillo.
 Apr. 4, 1916: At this cor., I set off 5° 48' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 42' N.

22.

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

Chains.

	From the true point for cor. of secs. 29, 30, 31 and 32, I run N.0° 3' W., bet. secs. 29 and 30. Over hilly land, through dense undergrowth. Desc. to .40 Wash, 15 lks. wide, course W. Asc. 30 ft. to 13.00 Spur, brs. NW. Desc. 15 ft. to 20.00 Asc. 35 ft. to 24.50 Desc. 50 ft. 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 1916 on S. rim; $\frac{1}{4}$ S30 in W. and S29 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. From this cor., high hill brs. E. about 10 chs. dist. Asc. 60 ft. to 43.70 Hill, brs. E. and W. Desc. 95 ft. to 47.70 Wash, 10 lks. wide, course NW. Asc. slightly to 55.50 Desc. 45 ft. to 59.70 Asc. to 60.20 Desc. 115 ft. to 74.70 Foot of desc.; thence over rolling land. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap 1916 on S. rim; T16N R18W 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, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling and hilly. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood, palo verde and ocotillo. A. S. Apr. 4, 1916.
40.00	Apr. 4, 1916: A. S. and R. D. A. N.89° 53' E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.38	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence I run S.89° 50' W., on a true line, bet. secs. 20 and 29. Over hilly land, through scattering undergrowth. Asc. 40 ft. to 8.70 Spur, slopes N. Desc. 60 ft. to 14.44 Wash, 40 lks. wide, course N. Asc. 50 ft. to 21.80 Desc. 35 ft. to 31.50 Wash, 50 lks. wide, course N. Asc. to 40.19 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on bed rock, 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; $\frac{1}{4}$ S20 in N. and S29 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Desc. 145 ft. to 58.80 Wash, 20 lks. wide, course N. Asc. 20 ft. to 62.40 Desc. 50 ft. to 70.40 Asc. 25 ft. to 72.40 Desc. 25 ft. to 75.40 Thence over rolling land.

Chains.

80.38

The cor. of secs. 19, 20, 29 and 30.
 Land, rolling and hilly;
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo and cacti.
 Apr. 4, 1916.
 A. S. and R. D. A.

40.00

78.07

Apr. 4, 1916: A. S.
 S. $89^{\circ} 57'$ W., on a random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect W. bdy. of Tp., 7 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".

14.05

33.55

38.07

Thence I run
 East on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.
 Wash, 20 lks. wide, 20 ft. deep, course N.
 Old 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
 1916 on S. rim;
 $\frac{1}{4}$ S19 in N. and
 S30 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

46.00

64.05

78.07

Wash, 25 lks. wide, 30 ft. deep, course NW.
 Wash, 10 lks. wide, 30 ft. deep, course N.
 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling desert.
 Soil, sand and gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and palo verde.

Apr. 4, 1916.

Apr. 6, 1916: At 7 hrs. 30 m., a.m., l.m.t., I set off
 $34^{\circ} 42\frac{1}{2}'$ N. on the lat. arc; $6^{\circ} 30\frac{1}{2}'$ N. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 19, 20, 29 and 30.

Thence I run

N. $0^{\circ} 3'$ W., bet. secs. 19 and 20.

Over rolling land, through dense undergrowth.

12.00

26.00

40.00

Wash, 20 lks. wide, 15 ft. deep, course NW.
 Old road, brs. W. and 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
 1916 on S. rim;
 $\frac{1}{4}$ S19 in W. and
 S20 in E. half;

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

77.00

80.00

Center of wash, 1.50 chs. wide, 10 ft. deep, course NW.
 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

1916 on S. rim;
 T16N R18W in N. half;
 S18 in NW.,
 S17 in NE.,
 S20 in SE. and
 S19 in SW. quadrant;

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

Land, rolling desert.
 Soil, sandy; 3rd rate.
 No timber.

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

Chains.	Undergrowth, greasewood, palo verde and ocotillo.
40.00	N.89° 50' E., on a random line, bet. secs. 17 and 20.
80.36	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 2 lks. S. of the cor. of secs. 17, 16, 20 and 21.
40.18	Thence I run S.89° 49' W., on a true line, bet. secs. 17 and 20. Over rolling 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 1916 on S. rim; $\frac{1}{4}$ S17 in N. and S20 in S. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
44.55	Center of wash, 80 lks. wide, course NW.
64.35	Old road, brs. N. and S.
80.36	The cor. of secs. 17, 18, 19 and 20. Land, rolling desert. Soil, sand and gravel; 3rd rate. No timber. Undergrowth, greasewood and cacti.
40.00	West on a random line, bet. secs. 18 and 19.
77.90	Set temp. $\frac{1}{4}$ sec. cor. Intersect W. 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".
37.90	Thence I run S.89° 59' E., on a true line, bet. secs. 18 and 19. Over rolling desert, 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 1916 on S. rim; $\frac{1}{4}$ S18 in N. and S19 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
76.20	Center of wash, 1.50 chs. wide, 10 ft. deep, course NW.
77.90	The cor. of secs. 17, 18, 19 and 20. Land, rolling desert. Soil, sand and gravel; 3rd rate. No timber. Undergrowth, greasewood, palo verde and cacti.
40.00	N.0° 3' W., bet. secs. 17 and 18. Over rolling 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 1916 on S. rim; $\frac{1}{4}$ S18 in W. and S17 in E. 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.
45.00	Leave rolling, enter level land.
56.50	Wash, 35 lks. wide, course NW.

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

Chains.

69.30
80.00

Center of wash, 1 ch. wide, course W.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

1916 on S. rim;
 T16N R18W in N. half;
 S7 in NW.,
 S8 in NE.,
 S17 in SE. and
 S18 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 desert.
 Soil, sandy; 2nd and 3rd rate.
 No timber.
 Undergrowth, greasewood, ocotillo and cacti.
 Apr. 6, 1916: At this cor., I set off 6° 33½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 44½' N.

40.00
80.34

N. 89° 49' E., on a random line, bet. secs. 8 and 17.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 23 lks. N. of the cor. of secs. 8, 9, 16 and 17.

40.17

Thence I run
 S. 89° 59' W., on a true line, bet. secs. 8 and 17.
 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

1916 on S. rim;
 S8 in N. and
 S17 in S. half;

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

49.35
58.55
80.34

Center of wash, 80 lks. wide, course NW.
 Old road, brs. N. and S.
 The cor. of secs. 7, 8, 17 and 18.
 Land, level desert.
 Soil, sandy; 2nd rate.
 No timber.
 Undergrowth, greasewood.

40.00
77.74

N. 89° 59' W., on a random line, bet. secs. 7 and 18.
 Set temp. ¼ sec. cor.
 Intersect W. bdy. of Tp., 11 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me, as described in Book "A".

12.75
14.55
20.55
37.74

Thence I run
 S. 89° 54' E., on a true line, bet. secs. 7 and 18.
 Over rolling land, through dense undergrowth.
 Leave rolling, enter level land.
 "Old Trails" Highway, brs. NE. and SW.
 Wash, 40 lks. wide, course NW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1916 on S. rim;
 S7 in N. and
 S18 in S. half;

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

46.15

Center of wash, 80 lks. wide, course NW.

26.

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

Chains. 77.74	The cor. of secs. 7, 8, 17 and 18. Land, level and rolling desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood and cacti.
28.70 32.60 40.00	N.0° 3' W., bet. secs. 7 and 8. Over level land, through dense undergrowth. "Old Trails" Highway, brs. NE. and SW. Wash, 50 lks. wide, course 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 1916 on S. rim; $\frac{1}{4}$ S7 in W. and S8 in E. 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. 5, 6, 7 and 8, marked on brass cap 1916 on S. rim; T16N R18W 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, level. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti.
40.00 80.26	N.89° 59' E., on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 5 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 land, through dense undergrowth.
12.25 39.65 40.13	Center of wash, 75 lks. wide, course SW. "Old Trails" Highway, 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 1916 on S. rim; $\frac{1}{4}$ S5 in N. and S8 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.25 80.26	Old road, brs. N. and S. The cor. of secs. 5, 6, 7 and 8. Land, level desert. Soil, sandy; 2nd rate. No timber. Undergrowth, greasewood, yucca, ocotillo and cacti. Apr. 6, 1916.
	Apr. 7, 1916: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 45' N. on the lat. arc; 6° 53' N. on the decl. arc; and determine a meridian with the solar at the cor. of

Chains.

- secs. 5, 6, 7 and 8.
Thence I run
N.89° 54' W., on a random line, bet. secs. 6 and 7.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
77.64 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° 53' E., on a true line, bet. secs. 6 and 7.
Over level land, through dense undergrowth.
22.64 Wash, 50 lks. wide, course SW.
37.64 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
1916 on S. rim;
 $\frac{1}{4}$ S6 in N. and
S7 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N. of cor.
77.64 The cor. of secs. 5, 6, 7 and 8.
Land, level.
Soil, sandy; 1st rate.
No timber.
Undergrowth, greasewood, yucca, ocotillo and cacti.
-
- 40.00 N.0° 3' W., on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
80.17 Intersect N. and S. line, 16 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° 4' W., on a true line, bet. secs. 5 and 6.
Over gently rolling land, through dense undergrowth.
40.17 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
1916 on S. rim;
 $\frac{1}{4}$ S6 in W. and
S5 in E. 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.
60.15 Wash, 50 lks. wide, course SW.
80.17 The cor. of secs. 6, 5, 7 and 8.
Land, gently rolling desert.
Soil, sandy; 2nd rate.
No timber.
Undergrowth, greasewood, yucca and ocotillo.
A. S.
Apr. 7, 1916.

GENERAL DESCRIPTION.

Except for the eastern end, the southern two tiers of this township are mountainous; the rest of the township consists of level and rolling land. The soil varies from sandy, 1st rate on the plains, to rocky, 4th rate on the mountains. The vegetation consists of greasewood, palo verde, ocotillo, yucca and cacti.

The "Old Trails" Highway passes through the north west cor. of the township.

There are no settlers, nor is there any water in the township.

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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.

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BOOK 2057

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 18 West
of the Gila and Salt River Base & Meridian
in the State of Arizona

executed by Albert Smith Jr., U.S. Surveyor & Ray D. Armstrong, 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.~~