

2913

BOOK 2913

AUG. 20. 1916

FEB 10 1917

4-679

BOOK "B" FIELD NOTES

OF THE SURVEY OF THE

2913

Subdivision Lines of

Township 13 North - Range 13 West

and

Retracement and Resurvey

*of the Third Guide Mer. West thru Tps. 13 and 14 North,
between Ranges 12 & 13 West*

of the Gila & Salt River Base & Meridian,

In the State of Arizona

EXECUTED BY

Irving W. Stoddard, U.S. Surveyor

and

R. D. Armstrong, U.S. Transitman

~~In the capacity of U.S. Surveyor~~, under instructions dated *Dec. 28*, 1914,

issued by the United States Surveyor General to govern surveys included in

Group No. *41*, which were approved by the Commissioner of the General Land

office, *Jan. 22*, 1915.

2913

Retracement, Resurvey
and Survey commenced *February 6*, 1915

Retracement, Resurvey
and Survey completed *April 21*, 1915

and executed under Assignment Instructions dated July 7th, 1915

1A

Book "B"

BOOK 2913

INDEX DIAGRAM.

Township 13 North, Range 13 West.

1 6
 12 7
 13 16
 24 19
 25 30
 36 31

6	45	5	38	4	32	8	26	2	20	1	8
45		44		37		32		26		19	
7	44	8	37	9	31	10	25	11	19	12	8
43		43		36		31		24		18	
18	43	17	36	16	30	15	24	14	18	13	7
42		42		35		30		23		17	
19	41	20	34	21	29	22	23	23	17	24	7
41		40		34		28		22		16	
30	40	29	34	28	28	27	22	26	16	25	6
39		39		33		27		21		15	
31	38	32	33	33	27	34	21	35	15	36	6

3rd Guide Meridian West - Resurveyed
Notes in this Book

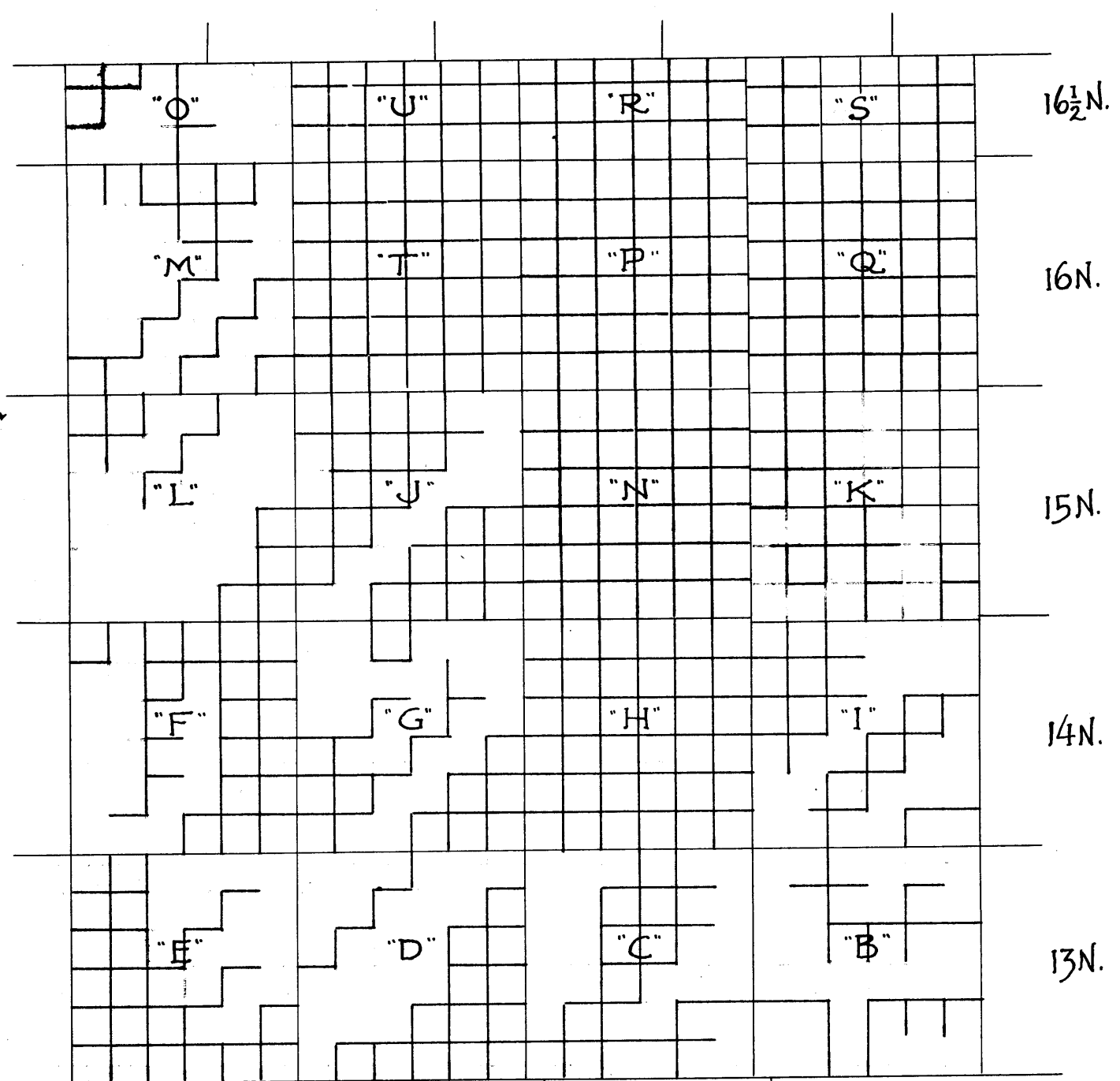
3rd. Standard Parallel North.

- _____ Notes in Book "A". 2912
- _____ Surveyed under Gp. 42.
- _____ Surveyed under Gp. 48

DIAGRAM SHOWING THE RESPECTIVE SURVEYS OF SUBDIVISION LINES EXECUTED BY EACH SURVEYOR AND TRANSITMAN UNDER INSTRUCTIONS FOR Group 41, Arizona.

1B

PLATE 2913



- | | | | |
|---|------|---|------|
| 16W. | 15W. | 14W. | 13W. |
| <u>Irving W. Stoddard, U.S. Surveyor</u>
(Carmine) | | <u>R.D. Armstrong, U.S. Transitman</u>
(Light Green) | |
| <u>H.N. Bradstreet, U.S. Transitman</u>
(Blue) | | <u>Hans D. Voigt, U.S. Transitman</u>
(Yellow) | |
| <u>Albert Smith Jr., U.S. Surveyor</u>
(Orange) | | <u>Carl Dyson, U.S. Transitman</u>
(Brick Red) | |
| <u>Thomas A. Hayden, U.S. Transitman</u>
(Brown) | | <u>Deane J. Wolff, U.S. Transitman</u>
(Olive Green) | |
| <u>Elmer F. Strickler, Temporary Transitman</u>
(Violet) | | | |

BOOK 2913

FINAL CERTIFICATE OF U. S. SURVEYORS AND TRANSITMEN.

We, the undersigned, hereby certify on honor that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona, bearing date of December 28, 1914, we have well, faithfully, and truly, in our own proper persons, 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

GROUP 41,

which are represented on the diagram on the reverse hereof as having severally been executed by us, and under our direction; and we do further certify on honor 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 Arizona, and in the specific manner described in our respective field notes.

Robert Smith, Jr.
U. S. Surveyor.

Henry W. Stoddard
U. S. Surveyor.

Blaine J. Wolff
U. S. Transitman.

Ray D. Armstrong
U. S. Transitman.

U. S. Transitman.

How S. Taigt
U. S. Transitman.

Chas P. Strickbe
U. S. Transitman (Temporary)

Carl Dyson
U. S. Transitman.

Thomas A. Fayden
U. S. Transitman.

Herb Bradetrek
U. S. Transitman.

Retracement of the Third Guide Meridian West Through Tps. 13 N. 1D

Chains.

Survey commenced Feb 6, 1915, and executed jointly by Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits, Nos. 8485 and 8531, with Smith solar attachments. For description of instruments, and certificate of approval, see Book "A".

In the following field notes, the initials I. W. S. and R. D. A. refer to Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, respectively.

We examine the adjustments of the transits, and find them satisfactory; then, to test the solars by comparing their indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, we proceed as follows:

At our camp in sec. 17, T. 13 N., R. 13 W., lat. 34° 28' N., long. 113° 38' W., at 10 hrs. 20.3 m., p.m., l.m.t., by our watches, which are set to correct local mean time, we observe Polaris at western elongation, and mark a point in the line thus determined by a tack driven in a stake, 5 chs. N. of our station.

Feb. 6, 1915.

Feb. 7, 1915: At 7 hrs. 45 m., a.m., l.m.t., we lay off the azimuth of Polaris, 1° 23' to the east, and mark the meridian thus determined by tacks driven in stakes, 5 chs. N. and 20 lks. S. of our station.

Setting an instrument at each of the two stations 20 lks. apart, we set off 34° 28' N. on the lat. arcs; 15° 28' S. on the decl. arcs; and at 8 hrs. 2 m., a.m., l.m.t., we determine a meridian with each transit. Each meridian thus determined departs less than 1' from the meridian determined by observation on Polaris at elongation.

At 4 hrs. 0 m., p.m., l.m.t., we set off 34° 28' N. on the lat. arcs; 15° 21½' S. on the decl. arcs; and determine a meridian with each transit. Each meridian thus determined departs less than 1' from the meridian determined by observations on Polaris at elongation.

The solars, by a.m. and p.m. observations, define positions for meridians which do not depart more than 1' from the true meridian determined by observation on Polaris at elongation; we therefore conclude that the instruments are in satisfactory adjustment.

I. W. S. and R. D. A.

R. D. A.

At 10 hrs. 0 m., a.m., l.m.t., I set off 34° 30½' N. on the lat. arc; 15° 27½' S. on the decl. arc; and determine a meridian with the solar at the cor. of Tps. 13 and 14 N., Rs. 12 and 13 W., on the Third Guide Meridian West, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

Thence I retrace

South bet. secs. 1 and 6.

39.90

The ¼ sec. cor. bet. secs. 1 and 6, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

The true length of this line is therefore 39.90 chs., and the true bearing is South.

From the ¼ sec. cor. bet. secs. 1 and 6, I retrace South, bet. secs. 1 and 6.

40.47

The witness cor. to cor. of secs. 1, 6, 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, and set 50 lks. S. of the true point for cor. of secs. 1, 6, 7 and 12.

The true length of this line is therefore 39.97 chs., and the true bearing is South.

Feb. 7, 1915: At this cor., I set off 15° 26' S. on the decl. arc; and at apparent noon, I observe the sun on

2 Retracement of the Third Guide Meridian West Through Tps. 13 N.

Chains.	the meridian; the resulting lat. is $34^{\circ} 29\frac{1}{2}'$ N. ✓
40.10	<p>From the true point for cor. of secs. 1, 6, 7 and 12, I retrace South, bet. secs. 7 and 12.</p> <p>The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 40.10 chs., and the true bearing is South.</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, I retrace South, bet. secs. 7 and 12.</p> <p>40.18 The cor. of secs. 7, 12, 13 and 18, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 40.18 chs., and the true bearing is South.</p> <p style="text-align: right;">Feb 7, 1915.</p>
39.88	<p>Apr. 2, 1915: At 9 hrs. 4 m., a.m., l.m.t., I set off $34^{\circ} 28\frac{1}{2}'$ N. on the lat. arc; $4^{\circ} 42'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18.</p> <p>Thence I retrace South, bet. secs. 13 and 18.</p> <p>39.88 The $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 39.88 chs., and the true bearing is South.</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, I retrace South, bet. secs. 13 and 18.</p> <p>39.82 The cor. of secs. 13, 18, 19 and 24, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 39.82 chs., and the true bearing is South.</p> <p>Apr. 2, 1915: At this cor., I set off $4^{\circ} 45'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 28'$ N. ✓</p>
39.71	<p>From the cor. of secs. 13, 18, 19 and 24, I retrace South, bet. secs. 19 and 24.</p> <p>39.71 The $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 39.71 chs., and the true bearing is South.</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, I retrace South, bet. secs. 19 and 24.</p> <p>39.97 The cor. of secs. 19, 24, 25 and 30, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.</p> <p>The true length of this line is therefore 39.97 chs., and the true bearing is South.</p>
39.58	<p>From the cor. of secs. 19, 24, 25 and 30, I retrace South, bet. secs. 25 and 30.</p> <p>39.58 The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, which is an iron</p>

Retracement of the Third Guide Meridian West Through Tps. 13 N. 3.

Chains.

post, properly set, marked and witnessed as described by the Surveyor-General.
The true length of this line is therefore 39.58 chs., and the true bearing is South.

R. D. A.

I. W. S.
At 10 hrs. 3 m., a.m., l.m.t., I set off 34° 26½' N. on the lat. arc; 4° 43' N. on the decl. arc; and determine a meridian with the solar at the ¼ sec. cor. bet. secs. 25 and 30.

Thence I retrace South, bet. secs. 25 and 30.

39.30

The cor. of secs. 25, 30, 31 and 36, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.
The true length of this line is therefore 39.30 chs., and the true bearing is South.

Apr. 2, 1915: At this cor., I set off 4° 45' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 26' N.

From the cor. of secs. 25, 30, 31 and 36, I retrace South, bet. secs. 31 and 36.

39.81

The ¼ sec. cor. bet. secs. 31 and 36, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

The true length of this line is therefore 39.81 chs., and the true bearing is South.

From the ¼ sec. cor. bet. secs. 31 and 36, I retrace South, bet. secs. 31 and 36.

40.06

The Standard cor. of Tps. 13 N., Rs. 12 and 13 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General.

The true length of this line is therefore 40.06 chs., and the true bearing is South.

I. W. S.
Apr. 2, 1915.

Retracement of the Third Guide Meridian West Through Tps. 14 N.

Chains.	
40.05	<p>Feb. 7, 1915: R. D. A. From the cor. of Tps. 13 and 14 N., Rs. 12 and 13 W., which is an iron post, hereinbefore described, I retrace North bet. secs. 31 and 36. The $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 40.05 chs., and the true bearing is North.</p>
39.05	<p style="text-align: right;">Feb. 7, 1915.</p> <p>Apr. 1, 1915: At 6 hrs. 5 m., a.m., l.m.t., I set off $34^{\circ} 31'$ N. on the lat. arc; $4^{\circ} 18\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36. Thence I retrace North, bet. secs. 31 and 36. The cor. of secs. 25, 30, 31 and 36, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 39.05 chs., and the true bearing is North.</p>
40.05	<p>From the cor. of secs. 25, 30, 31 and 36, I retrace North, bet. secs. 25 and 30. The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 40.05 chs., and the true bearing is North.</p>
41.21	<p>Apr. 1, 1915: At this cor., I set off $4^{\circ} 21\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 31\frac{1}{2}'$ N. From the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, I retrace North, bet. secs. 25 and 30.</p>
40.33	<p>The witness cor. to cor. of secs. 19, 24, 25 and 30, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, and set 1.50 chs. N. of the true point for cor. of secs. 19, 24, 25 and 30. The true length of this line is therefore 39.71 chs., and the true bearing is North.</p>
38.47	<p>From the true point for cor. of secs. 19, 24, 25 and 30, I retrace North, bet. secs. 19 and 24. The witness cor. to $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, and set 1.50 chs. S. of the true point for $\frac{1}{4}$ sec. cor. The true length of this line is therefore 39.97 chs., and the true bearing is North.</p>
	<p style="text-align: right;">Apr. 1, 1915.</p>
40.33	<p>Mar. 31, 1915: At 8 hrs. 5 m., a.m., l.m.t., I set off $34^{\circ} 32\frac{1}{2}'$ N. on the lat. arc; $3^{\circ} 55'$ N. on the decl. arc; and determine a meridian with the solar at the true point for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24. Thence I retrace North bet. secs. 19 and 24. The cor. of secs. 13, 18, 19 and 24, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 40.33 chs., and the true bearing is North.</p>

Retracement of the Third Guide Meridian West Through Tps. 14 N. 5.

Chains.	From the cor. of secs. 13, 18, 19 and 24, I retrace North bet. secs. 13 and 18.
40.05	The $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 40.05 chs., and the true bearing is North.
40.08	From the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, I retrace North, bet. secs. 13 and 18. The cor. of secs. 7, 12, 13 and 18, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, The true length of this line is therefore 40.08 chs., and the true bearing is North. Mar. 31, 1915: At this cor., I set off $3^{\circ} 58\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 34'$ N.
39.84	From the cor. of secs. 7, 12, 13 and 18, I retrace North bet. secs. 7 and 12. The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 39.84 chs., and the true bearing is North.
39.81	From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, I retrace North bet. secs. 7 and 12. The cor. of secs. 1, 6, 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 39.81 chs., and the true bearing is North.
39.54	From the cor. of secs. 1, 6, 7 and 12, I retrace North bet. secs. 1 and 6. The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 39.54 chs., and the true bearing is North.
39.88	From the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, I retrace North bet. secs. 1 and 6. The cor. of Tps. 14 and 15 N., Rs. 12 and 13 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. The true length of this line is therefore 39.88 chs., and the true bearing is North. The total distance from the standard cor. of Tps. 13 N., Rs. 12 and 13 W., to the cor. of Tps. 14 and 15 N., Rs. 12 and 13 W. is therefore 956.64 chs., and the bearing of the line joining these cors. is North. R. D. A. Mar. 31, 1915.

6 Resurvey of the Third Guide Meridian West Through Tps. 13 N.

Chains.

Apr. 3, 1915: R. D. A.

At 9 hrs. 3 m., a.m., l.m.t., I set off $34^{\circ} 25'$ N. on the lat. arc; $5^{\circ} 5\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the standard cor. of Tps. 13 N., Rs. 12 and 13 W., hereinbefore described.

Thence I run

North bet. secs. 31 and 36.

Over mountainous land, through scattering undergrowth. Asc. S. slope, 330 ft. in gulch, course S.

17.65

Leave gulch, course SSE. Asc. SW. slope

40.00

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

1911 on S. rim;

 $\frac{1}{4}$ S36 in W. and

S31 in E. half;

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

45.45

Thence over broken W. slope.

58.65

Same gulch, course SW. Asc. SE. slope, 170 ft. to

70.40

Ridge, brs. NNE. and SSW. Desc. NW. slope, 115 ft. to

80.00

Set the original iron post, 3 ft. long, $\frac{3}{8}$ ins. diam., 24 ins. in the ground, for re-established cor. of secs. 25, 30, 31 and 36, marked on brass cap

1911 on S. rim;

T13N in N. half;

R13W S25 in NW.,

R12W S30 in NE.,

S31 in SE. and

S36 in SW. quadrant;

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde and cacti.

North bet. secs. 25 and 30.

Over mountainous land, through scattering undergrowth.

Asc. S. slope, 540 ft. to

23.00

Point near top of mountain. Desc. NW. slope, 630 ft.

40.00

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

1911 on S. rim;

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

S30 in E. half;

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

53.75

Gulch, 25 lks. wide, course W.

67.25

Gulch, 15 lks. wide, course W. Asc. SE. slope, 145 ft. to

80.00

Set the original iron post, 3 ft. long, $\frac{3}{8}$ ins. diam., 24 ins. in the ground, for re-established cor. of secs. 19, 24, 25 and 30, marked on brass cap

1911 on S. rim;

T13N in N. half;

R13W S24 in NW.,

R12W S19 in NE.,

S30 in SE. and

S25 in SW. quadrant;

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde and cacti.

Resurvey of the Third Guide Meridian West Through Tps. 13 N. 7.

Chains.	<p>North bet. secs. 19 and 24. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 325 ft.</p> <p>40.00 Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap 1911 on S. rim; $\frac{1}{4}$S24 in W. and S19 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p> <p>46.45 Low divide, brs. E. and W. Desc. NW. slope, 335 ft. to 63.45 Gulch, 10 lks. wide, course W. Asc. SE. slope, 135 ft. to 80.00 Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 13, 18, 19 and 24, marked on brass cap 1911 on S. rim; T13N in N. half; R13W S13 in NW., R12W S18 in NE., S19 in SE. and S24 in SW. quadrant; 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, palo verde and cacti. Apr. 3, 1915: At this cor., I set off 5° 8' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 28' N.</p>
<p>3.10 20.10 33.10 39.10 40.00 50.10 54.10 56.65 69.00 80.00</p>	<p>North bet. secs. 13 and 18. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 105 ft. to</p> <p>3.10 Spur, brs. E. Desc. NE. slope, 285 ft. to 20.10 Gulch, 5 lks. wide, course NW. Asc. SW. slope, 25 ft. to 33.10 Spur, brs. W. Desc. N. slope, 140 ft. to 39.10 Gulch, 30 lks. wide, course W. Asc. S. slope, 240 ft. 40.00 Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap 1911 on S. rim; $\frac{1}{4}$S13 in W. and S18 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p> <p>50.10 Spur, brs. E. Desc. NE. slope, 110 ft. 54.10 Gulch, 5 lks. wide, course NW. Desc. NW. slope to 56.65 Gulch, 10 lks. wide, course W. 69.00 Wash, 50 lks. wide, course W. Asc. SW. slope, 90 ft. to 80.00 Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 7, 12, 13 and 18, marked on brass cap 1911 on S. rim; T13N in N. half; R13W S12 in NW., R12W S7 in NE., S18 in SE. and S13 in SW. quadrant; 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, palo verde and cacti.</p>

8 Resurvey of the Third Guide Meridian West Through Tps. 13 N.

Chains.	
	North bet. secs. 7 and 12. Over mountainous land, through scattering undergrowth.
3.40	Ridge, brs. E. and W. Desc. N. slope, 165 ft. to
18.40	Wash, course NW. Asc. S. slope, 45 ft. to
21.40	Spur, brs. W. Desc. NE. slope, 30 ft. to
23.40	Center of wash, 1 ch. wide, course NW. Thence over broken
31.00	land 2 chs. wide, course W.
35.90	Wash, 10 lks. wide, course W.
37.90	Spur, brs. W.
40.00	Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap 1911 on S. rim; $\frac{1}{4}$ S12 in W. and S7 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
42.90	Wash, 20 lks. wide, course NW. Asc.
46.70	Spur, brs. W. Desc.
48.30	Gulch, 10 lks. wide, course NW. Asc.
53.40	Spur, brs. W. Desc.
55.60	Gulch, course W. Asc.
71.80	Old road, brs. E. and W.
77.91	The original witness cor. to cor. of secs. 1, 6, 7 and 12 hereinbefore described.
80.00	Point for cor. of secs. 1, 6, 7 and 12 falls where it would be destroyed. I therefore accept the original witness cor. to cor. of secs. 1, 6, 7 and 12, as the new witness cor. to cor. of secs. 1, 6, 7 and 12, and leave it in its original position. The description of this cor. is as follows:
77.91	An iron post, 3 ins. diam., 12 ins. above ground, marked on brass cap 1911 on S. rim; W. of center; T13N in N. half; R13W S1 in NW., R12W S6 in NE., S7 in SE. and S12 in SW. quadrant; witnessed by mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, palo verde and cacti.
	From the true point for cor. of secs. 1, 6, 7 and 12, I run North bet. secs. 1 and 6. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 90 ft. to
2.30	Spur, brs. NW. Desc. NE. slope, 85 ft. to
8.30	Gulch, course W. Asc. S. slope, 110 ft. to
13.80	Spur, brs. W. Desc. NW. slope, 155 ft. to
33.80	Gulch, course W. Asc. S. slope, 50 ft. to
40.00	Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap 1911 on S. rim $\frac{1}{4}$ S1 in W. and S6 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
47.10	Desc. NE. slope, 100 ft. to
60.30	Gulch, course NW. Asc. SW. slope, 180 ft. to
71.30	Ridge, brs. E. and W. Desc. NE. slope, 235 ft. to Wash, 20 lks. wide, course NW. Thence along W. slope

Resurvey of the Third Guide Meridian West Through Tps. 13 N., 9.

Chains.
80.00

Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of Tps. 13 and 14 N., Rs. 12 and 13 W., marked on brass cap
1911 on S. rim;
T14N in N. half;
R12W in E.,
T13N in S. and
R13W in W. half;
S36 in NW.,
S31 in NE.,
S6 in SE. and
S1 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde and cacti.

R. D. A.
Apr. 3, 1915.

10 Resurvey of the Third Guide Meridian West Through Tps. 14 N.

Chains.

- Apr. 21, 1915: R. D. A.
 At 8 hrs. 9 m., a.m., l.m.t., I set off $34^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $11^{\circ} 38\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of Tps. 13 and 14 N., Rs. 12 and 13 W., which is an iron post, hereinbefore described
 Thence I run
 North bet. secs. 31 and 36.
 Over rolling land, through scattering undergrowth.
 Desc. to
 11.35 Wash, 50 lks. wide, course NW. Asc. SE. slope, 40 ft. to
 14.35 Spur, brs. W. Desc. N. slope to
 15.35 Wash, 10 lks. wide, course W. Thence over level land.
 40.00 Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap
 1911 on S. rim;
 $\frac{1}{4}$ S36 in W. and
 S31 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 42.38 Road, brs. NE. and SW.
 47.40 Desc. 30 ft. to
 52.40 Asc. 40 ft. to
 63.90 Desc. 55 ft. to
 80.00 Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 25, 30, 31 and 36, marked on brass cap
 1911 on S. rim;
 T14N in N. half;
 S25 R13W in NW.,
 R12W S30 in NE.,
 S31 in SE. and
 S36 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, level and broken.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde and cacti.
-
- North bet. secs. 25 and 30.
 Over rolling land, through scattering undergrowth.
 Desc. 130 ft. to
 33.65 Asc. 65 ft. to
 37.00 Spur, brs. NW. Desc. NE. slope, 110 ft.
 40.00 Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap
 1911 on S. rim;
 $\frac{1}{4}$ S25 in W. and
 S30 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 44.65 Gulch, 30 lks. wide, course NW. Asc. SW. slope, 70 ft. to
 54.65 Spur, brs. NW. Desc. NE. slope, 165 ft. to
 68.15 Gulch, 10 lks. wide, course NW. Asc. SW. slope, 55 ft. to
 72.65 Desc. NW. slope, 65 ft.
 78.64 The original witness cor. to cor. of secs. 19, 24, 25 and 30, hereinbefore described.
 79.61 Gulch, course NW. Asc. SW. slope to
 80.00 The true point for cor. of secs. 19, 24, 25 and 30 falls where it would be destroyed. I therefore accept the original witness cor. to cor. of secs. 19, 24, 25 and 30 as the new witness cor. to cor. of secs. 19, 24, 25 and 30, and leave it in its original position. The description of this cor. is as follows:
 78.64 An iron post, 3 ins. diam., 12 ins. above ground, marked

Resurvey of the Third Guide Meridian West Through Tps. 14 N. 11.

Chains.

	<p>on brass cap</p> <p>1911 on S. rim; WC N. of center; T14N in N. half; R13W S24 in NW., R12W S19 in NE., S30 in SE. and S25 in SW. quadrant;</p> <p>witnessed by mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Land, rolling and mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, palo verde and cacti.</p>
	<p>From the true point for cor. of secs. 19, 24., 25 and 30, I run North bet. secs. 19 and 24. Over rolling land, through scattering undergrowth. Asc. 20 ft. to Spur, brs. NW. Desc. NE. slope, 105 ft. to Thence over rolling land. The original witness cor. to ¼ sec. cor. Ditch, 5 lks. wide, course W. The point for ¼ sec. cor. falls where it would be destroyed. I therefore accept the original witness cor. to ¼ sec. cor., as the new witness cor. to ¼ sec. cor., and leave it in its original position. The description of this cor. is as follows:</p>
3.60	Spur, brs. NW. Desc. NE. slope, 105 ft. to
15.60	Thence over rolling land.
35.61	The original witness cor. to ¼ sec. cor.
36.80	Ditch, 5 lks. wide, course W.
40.00	The point for ¼ sec. cor. falls where it would be destroyed. I therefore accept the original witness cor. to ¼ sec. cor., as the new witness cor. to ¼ sec. cor., and leave it in its original position. The description of this cor. is as follows:
35.61	<p>An iron post, 1 in. diam., 10 ins. above ground, marked on brass cap</p> <p>1911 on S. rim; WC ¼ in N. half; S19 in E. and S24 in SW. half quadrant;</p> <p>witnessed by pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist., and a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>From the true point for ¼ sec. cor., I continue North, bet. secs. 19 and 24. Creek bed, course W.</p>
50.60	Creek bed, course W.
51.20	Burro Creek, stream of water, 25 lks. wide, 1 ft. deep, course W.
61.10	Foot of bluff, 20 ft. high, brs. E. and W.
61.81	Top of bluff, brs. E. and W. Thence over level land.
80.00	Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 13, 18, 19 and 24, marked on brass cap
	<p>1911 on S. rim; T14N in N. half; R13W S13 in NW., R12W S18 in NE., S19 in SE. and S24 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, level and rolling. Soil, sandy and rocky; 3rd and 4th rate. No timber. Undergrowth, greasewood, palo verde, ocatilla and cacti. Apr. 21, 1915: At this cor., I set off 11° 42' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 33' N.</p>
	<p>North bet. secs. 13 and 18. Over level land, through scattering undergrowth.</p>

12 Resurvey of The Third Guide Meridian West Through Tps. 14 N.

Chains.

- 40.00 Set the original, iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap
 1911 on S. rim;
 $\frac{1}{4}$ S13 in W. and
 S18 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 72.45 Foot of hill, brs. NW. and SE. Asc. SW. slope, 40 ft. to
- 80.00 Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 7, 12, 13 and 18, marked on brass cap
 1911 on S. rim;
 T14N in N. half;
 R13W S12 in NW.,
 R12W S7 in NE.,
 S18 in SE. and
 S13 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, level and rolling.
 Soil, rock and sandy; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocatilla and cacti.
-
- North bet. secs. 7 and 12.
 Over rolling land, through scattering undergrowth.
 Desc. to slope, 125 ft.
- 2.57 Gulch, 5 lks. wide, course W. Asc. SW. slope, 125 ft. to
- 14.55 Spur, brs. W. Desc. N. slope, 40 ft. to
- 18.55 Gulch, 5 lks. wide, course W. Asc. S. slope, 245 ft. to
- 35.05 Spur, brs. SW. Desc. NW. slope, to
- 37.55 Gulch, 10 lks. wide, course SW. Asc. SE. slope, 145 ft.
- 40.00 Set the original iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for re-established $\frac{1}{4}$ sec. cor., marked on brass cap
 1911 on S. rim;
 $\frac{1}{4}$ S12 in W. and
 S7 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 43.15 Spur, brs. SW. Desc. NW. slope, 420 ft. to
- 70.55 Gulch, 10 lks. wide, course W. Asc. to
- 72.55 Spur, brs. W. Desc. N. slope to
- 78.20 Gulch, 25 lks. wide, course W. Water seep 1. ch. W. of line. Asc. S. slope, 40 ft. to
- 80.00 Set the original iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for re-established cor. of secs. 1, 6, 7 and 12, marked on brass cap
 1911 on S. rim;
 T14N in N. half;
 R13W S1 in NW.,
 R12W S6 in NE.,
 S7 in SE. and
 S12 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, palo verde, ocatilla and cacti.
-
- North bet. secs. 1 and 6.
 Over mountainous land, through scattering undergrowth.
 Asc. to
- 10.20 Spur, brs. W. Desc. N. slope, 145 ft. to
- 21.20 Head of gulch, course W. Asc. SW. slope, 85 ft.

Resurvey of the Third Guide Meridian West Through Tps. 14 N., 13.

Chains.

40.00

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

1911 on S. rim;
 $\frac{1}{4}$ Sl in W. and
S6 in E. half;

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

41.20

Spur, brs. W. Desc. N. slope, 25 ft. to

48.20

Gulch, 5 lks. wide, course W. Asc. S. slope 205 ft. to

63.20

Spur, brs. W. Desc. N. slope, 90 ft. to

69.20

Gulch, 5 lks. wide, course W. Asc. SW. slope, 50 ft. to

76.64

The cor. of Tps. 14 and 15 N., Rs. 12 and 13 W., herein-
before described.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, ocatilla and cacti.

R. D. A.

Apr. 21, 1915.

Subdivision of T. 13 N., R. 13 W.

Chains.

Survey commenced Feb. 9, 1915, and executed jointly by Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits, Nos. 8485 and 8531, with Smith solar attachments. For description of instruments, certificate of approval, and tests of adjustment, see page 1, this book. In the following field notes, the initials I. W. S. and R. D. A. refer to Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, respectively.

I. W. S. and R. D. A.

At 9 hrs. 05 m., a.m., l.m.t., I set off 34° 25' N. on the lat. arc; 14° 50' S. on the decl. arc; and determine a meridian with the solar at the std. cor. of secs. 35 and 36, on the S. bdy. of the Tp., which is an iron post, marked and witnessed as described by the Surveyor-General.

Thence I run N. 0° 1' W., bet. secs. 35 and 36.

Over level land.

- .45 Enter Big Sandy River, course ESE.
- 1.95 Leave Big Sandy River, course ESE. Asc. SW. slope, 290 ft. to
- 16.15 Spur, brs. W. Desc, NW. slope, 100 ft. to
- 20.65 Draw, course W. Asc. SW. slope, 215 ft.
- 40.00 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 S35 in W. and
S36 in E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Feb. 9, 1915: At this point, I set off 14° 48 1/2' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 25 1/2' N.

- 41.15 Spur, brs. NW. Desc. N. slope, 140 ft. to
- 56.15 Draw, 15 lks. wide, course NW.
- 64.15 Spur, brs. W.
- 66.15 Draw, 15 lks. wide, course W.
- 72.15 Draw, 15 lks. wide, course SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;
T13N R13W 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 1/2 ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, 3rd and 4th rate; granite base.
No timber.
Undergrowth, cacti.

- 40.00 East, on a random line, bet. secs. 25 and 36.
- 79.86 Set temp. 1/4 sec. cor.
- Intersect the E. bdy. of the Tp., 12 lks. S. of the re-established cor. of secs. 25, 30, 31 and 36, which is an iron post, reestablished by me, as hereinbefore described.

Thence I run S. 89° 55' W., on a true line, bet. secs. 25 and 36. Desc. SW. slope, through scattering undergrowth.

- 15.00 Asc. SE. slope, 35 ft. to
- 17.50 Desc. SW. slope, 50 ft. to
- 20.00 Asc. SE. slope, 45 ft. to

16

Subdivision of T. 13 N., R. 13 W.

Chains.
 27.00 Spur, brs. SW. Desc. SW. slope, 215 ft. to
 39.93 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;
 $\frac{1}{4}$ S25 in N. and
 S36 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 Desc. SW. slope, 50 ft. to
 46.00 Draw, 10 lks. wide, course SW. Thence along general S.
 slope.
 79.86 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Soil, 3rd and 4th rate; granite base.
 No timber.
 Undergrowth, cacti.

R. D. A.
 Feb. 9, 1915.

Feb. 9, 1915: I. W. S.
 At 2 hrs. 5 m., p.m., l.m.t., I set off $34^{\circ} 26'$ N. on the
 lat. arc; $14^{\circ} 46\frac{1}{2}'$ S. 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. $0^{\circ} 1'$ W., bet. secs. 25 and 26.
 Over rolling, broken W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S26 in W. and
 S25 in E. 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., 12 ins. in the
 ground, on bed rock, supported by a mound of stone, for
 cor. of secs. 23, 24, 25 and 26, marked on brass cap
 1915 on S. rim;
 T13N R13W 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. Pits impracticable.
 Land, rolling and mountainous.
 Soil, rocky on slopes; sandy in draws; 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.

N. $89^{\circ} 55'$ E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect E. bdy. of Tp., 26 lks. N. of the re-establish-
 ed cor. of secs. 19, 24, 25 and 30, which is an iron
 post, reestablished by R. D. A., as hereinbefore described.
 Thence I run
 N. $89^{\circ} 54'$ W., on a true line, bet. secs. 24 and 25.
 Desc. along broken SW. slope.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground, on bed rock, supported by a mound of stone, for
 $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S24 in N. and
 S25 in S. half;

Subdivision of T. 13 N., R. 13 W.

Chains.	
49.30 58.85 80.12	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p> <p>Ravine, course NW. Asc. NE. slope, 150 ft. to Spur, brs. N. Desc. W. slope, 310 ft. to The cor. of secs. 23, 24, 25, and 26.</p> <p>Land, mountainous. Soil, rocky on slopes; sandy in draws; 4th rate. No timber. Undergrowth, cat claw, palo verde and greasewood.</p> <p style="text-align: right;">I. W. S. Feb. 9, 1915.</p>
1.70 20.20 39.50 40.00 48.00 58.70 70.00 72.50 75.00 80.00	<p>Apr. 8, 1915: R. D. A. At the cor. of secs. 23, 24, 25 and 26, I set off 34° 27' N. on the lat. arc; 6° 59' N. on the decl. arc; and at 8 hrs. 35 m. a.m., l.m.t., I determine a meridian with the solar.</p> <p>Thence I run N.0° 1' W., bet. secs. 23 and 24. Over mountainous land, through scattering undergrowth. Desc. NW. slope, 65 ft. to Draw, course SW. Asc. S. slope, 470 ft. to Top of hill. Desc. N. slope, 400 ft. to Draw, course W. Asc. S. slope, 50 ft. 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; ¼S23 in W. and S24 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Rocky ridge, brs. E. and W. Desc. NW. slope, 50 ft. to Gulch, 30 ft. deep, course SW. Asc. SE. slope, 55 ft. to Ridge, brs. NE. and SW. Desc. NW. slope, 15 ft. to Gulch, course SW. Low ridge, brs. NE. and SW. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap 1915 on S. rim; T13N R13W in N. half; S14 in NW., S13 in NE., S24 in SE. and S23 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p> <p>Land, mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, palo verde, greasewood and cacti.</p> <p>Apr. 8, 1915: At this cor., I set off 7° 1½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 28' N. Apr. 8, 1915.</p>
40.00 79.72	<p>Apr. 9, 1915: At 9 hrs. 0 m., a.m., l.m.t., I set off 34° 28' N. on the lat. arc; 7° 21½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24.</p> <p>Thence I run S.89° 54' E. on a random line, bet. secs. 13 and 24. Set temp. ¼ sec. cor. Intersect the E. bdy. of the Tp., 12 lks. S. of the re-established cor. of secs. 13, 18, 19 and 24, which is an iron post, re-established by me, as hereinbefore described.</p>

Chains	
	Thence Iron
	N. 89° 59' W., on a true line, bet. secs. 13 and 24.
	Over mountainous land, through scattering undergrowth.
	Asc. SE. slope, 45 ft. to
2.72	Spur, brs. S. Desc. SW. slope, 325 ft. to
16.72	Draw, course S Asc. SE. slope, 70 ft. to
22.72	Spur, brs. S. Desc. SW. slope, 370 ft.
39.86	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;
	$\frac{1}{4}$ S13 in N. and
	S24 in S. half;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
	N. of cor. Pits impracticable.
45.72	Draw, 10 lks. wide, course SW. Asc. SE. slope, 75 ft. to
54.22	Spur, brs. SW. Desc. SW. slope, 210 ft. to
69.72	Draw, 10 lks. wide, course SW.
75.72	Gulch, 5 lks. wide, course SW. Asc. SE. slope, 25 ft. to
79.72	The cor. of secs. 13, 14, 23 and 24.
	Land, mountainous.
	Soil, rocky, 4th rate.
	No timber.
	Undergrowth, cacti.
	N. 0° 1' W., bet. secs. 13 and 14.
	Asc. broken SW. slope, 100 ft., through scattering under-
	growth, 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;
	$\frac{1}{4}$ S14 in W. and
	S13 in E. half;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
	W. of cor. Pits impracticable.
	Desc. NW. slope, 70 ft. to
50.00	Wash, 100 lks. wide, course SW. Asc. SE. slope, 230 ft. to
59.00	Low divide, brs. E. and W. Desc. N. slope, 175 ft. to
72.00	Wash, 50 lks. wide, course W. Asc. SW. slope, 50 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
	ground, for cor. of secs. 11, 12, 13 and 14, marked on
	brass cap
	1915 on S. rim;
	T13N R13W in N. half;
	S11 in NW.,
	S12 in NE.,
	S13 in SE. and
	S14 in SW. quadrant;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
	W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, rocky, 4th rate.
	No timber.
	Undergrowth, cacti.
	Apr. 9, 1915: At this cor., I set off 7° 24' N. on the
	decl. arc; and at apparent noon, I observe the sun on the
	meridian; the resulting lat. is 34° 28 $\frac{1}{2}$ ' N.
	R. D. A.
	I. W. S.
40.00	S. 89° 59' E., on a random line, bet. secs. 12 and 13.
79.80	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect E. bdy. of Tp., 9 lks. N. of the re-established
	cor. of secs. 7, 12, 13 and 18, which is an iron post,
	re-established by R. D. A., as described hereinbefore.

Subdivision of T. 13 N., R. 13 W.

Chains.

Thence I run
 N. 89° 55' W., on a true line, bet. secs. 12 and 13.
 Over mountainous land, through scattering undergrowth.
 Asc. NE. slope, 205 ft. to
 21.90 N. side of rocky point. Highest point 100 ft. above line.
 Desc. NW. slope, 185 ft. to
 33.10 Ravine, course S.
 35.90 Ravine, course S. Asc. E. slope, 65 ft. to
 39.30 Top of hill. Desc. W. slope, 130 ft.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
 ground, on bed rock, in a mound of stone, for $\frac{1}{4}$ sec.
 cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S12 in N. and
 S13 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 47.90 Ravine, course S. Asc. E. slope, 65 ft. to
 55.20 Spur, brs. S. Desc. W. slope, 265 ft. to
 79.80 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, greasewood and cacti.
 I. W. S.

R. D. A.
 N. 0° 1' W., bet. secs. 11 and 12.
 Over mountainous land, through scattering undergrowth.
 Asc. SW. slope, 80 ft. to
 5.00 Spur, brs. W. Desc. NE. slope, 175 ft. to
 18.00 Wash, 5 lks. wide, course NW. Asc. SW. slope, 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
 1915 on S. rim;
 $\frac{1}{4}$ S11 in W. and
 S12 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Asc. S. slope, 70 ft. to
 43.10 Spur, brs. W. Desc. NW. slope, 85 ft. to
 52.00 Head of draw, course W. Asc. SW. slope, 75 ft. to
 67.00 Spur, brs. NW. Desc. NE. slope, 155 ft. to
 74.00 Wash, 50 lks. wide, course W. Asc. SW. slope, 40 ft.
 74.50 Road, brs. NW. and E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 1, 2, 11 and 12, marked on
 brass cap
 1915 on S. rim;
 T13N R13W in N. half;
 S2 in NW.,
 S1 in NE.,
 S12 in SE. and
 S11 in SW. Quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, cacti.

Apr. 9, 1915.

Apr. 10, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off
 34° 29 $\frac{1}{2}$ ' N. on the lat. arc; 7° 43 $\frac{1}{2}$ ' N. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 1, 2, 11 and 12.

Chains.

	Thence I run S. 89° 55' E., on a random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.55	Intersect E. bdy. of Tp., 1.93 chs. N. of the witness cor. to cor. of secs. 1, 6, 7 and 12, which is an iron post, properly set, marked and witnessed as described by the Surveyor-General, and set 2.09 chs. S. of the true point for cor. of secs. 1, 6, 7 and 12. From the true point for cor. of secs. 1, 6, 7 and 12, I run S. 89° 58' W., on a true line, bet. secs. 1 and 12. Over mountainous land, through scattering undergrowth. Desc. W. slope, 165 ft. to
2.05	Draw, 25 lks. wide, course NW.
13.05	Road, brs. NW. and SE.
39.77 $\frac{1}{2}$	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; $\frac{1}{4}$ S1 in N. and S12 in S. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Desc. SW. slope, 105 ft.
47.55	Draw, 10 lks. wide, course NW.
62.55	Draw, 20 lks. wide, course NW. Asc. SE. slope, 60 ft. to
74.55	Spur, brs. S. Desc. SW. slope, 85 ft. to
79.55	The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, rocky; 3rd rate. No timber. Undergrowth, cacti.
	N. 0° 1' W., on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. bdy. of Tp., 28 lks. E. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, established by me, as described in Book "A". Thence I run S. 0° 13' E., on a true line, bet. secs. 1 and 2. Over mountainous land, through scattering undergrowth. Desc. broken SW. slope, 45 ft. to
21.94	Draw, 50 lks. wide, course NW. Thence along broken W. slope.
26.94	Road, brs. NW. and SE.
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 1915 on S. rim; $\frac{1}{4}$ S2 in W. and S1 in E. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Asc. broken NW. slope, 130 ft. to
61.94	Spur, brs. W. Desc. S. slope, 120 ft. to
69.94	Draw, 50 lks. wide, course NW. Asc. N. slope, 50 ft. to
74.94	Spur, brs. NW. Desc. SW. slope, 50 ft. to
79.94	The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, 4th rate. No timber. Undergrowth, cacti. Apr. 10, 1915: At this cor., I set off 7° 46 $\frac{1}{2}$ ' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 29 $\frac{1}{2}$ ' N. Apr. 10, 1915.

Chains.	
	<p>Feb. 10, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 25' N. on the lat. arc; 14° 31' S. on the decl. arc; and determine a meridian with the solar at the std. cor. of secs. 34 and 35, on the S. bdy of the Tp., which is an iron post, marked and witnessed as described by the Surveyor-General.</p> <p>Thence I run N. 0° 1' W., bet. secs. 34 and 35. Over rolling land, through scattering undergrowth. Wash, 30 lks. wide, course NE.</p>
5.86	
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 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, W. of cor. Pits impracticable.</p>
48.36	Asc. S. slope, 45 ft. to
51.00	Desc. N. slope, 60 ft. to
55.00	Wash, 50 lks. wide, course E. Asc. S. slope, 80 ft. to
58.00	Spur, brs. E. Desc. N. slope to
65.90	Wash, 10 lks. wide, course E. Asc. S. slope, 35 ft. to
70.00	Spur, brs. E. Desc. N. slope, 110 ft. to
74.30	Wash, 5 lks. wide, course E. Asc. S. slope, 130 ft. to
80.00	Spur, brs. E. Desc. N. slope, 135 ft. to
	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap 1915 on S. rim; T13N R13W in N. half; S27 in NW., S26 in NE., S35 in SE. and S34 in SW. quadrant; 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, palo verde, greasewood and cacti. Feb. 10, 1915.</p>
	<p>Feb. 9, 1915. East on a random line, bet. secs. 26 and 35.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line, 11 lks. N. of the cor. of secs. 25, 26, 35 and 36,
	<p>Thence I run N. 89° 55' W., on a true line, bet. secs. 26 and 35. Over mountainous land, through scattering undergrowth. Asc. SE. slope, 80 ft. to</p>
21.00	Spur, brs. SW. Desc. NW. slope, 190 ft. to
28.50	Wash, 5 lks. wide, course SW. Asc. SE. slope, 45 ft.
39.92	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; $\frac{1}{4}$ S26 in N. and S35 in S. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
42.00	Spur, brs. S. Desc. SW. slope, 325 ft. to
64.30	N. bank of Big Sandy River, course SSE.
68.30	S. bank of Big Sandy River, course SSE. Asc. NE. slope, 130 ft. to
77.00	Spur, brs. SE. Desc. SW. slope, 20 ft. to
78.00	Wash, course SE.
79.00	Spur, brs. N.

Chains.

- 79.84 The cor. of secs. 34, 35, 26 and 27.
Land, mountainous.
Soil, 3rd and 4th rate; granite base.
No timber.
Undergrowth, cat claw, palo verde and cacti.
R. D. A.
Feb. 9, 1915.
-
- Feb. 10, 1915: I. W. S.
At 9 hrs. 10 m., a.m., l.m.t., I set off $34^{\circ} 26'$ N. on the
lat. arc; $14^{\circ} 31'$ S. on the decl. arc; and determine
a meridian with the solar at the cor. of secs. 26, 27,
34 and 35.
Thence I run
N. $0^{\circ} 1'$ W., bet. secs. 26 and 27.
Over mountainous land, through scattering undergrowth.
.60 Ravine, course E. Asc. S. slope, 170 ft. to
7.20 Spur, brs. E. Desc. NE. slope, 230 ft.
20.00 Road, brs. NW. and SE.
30.00 Big Sandy River, 3.50 chs. wide, course S. 20° 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
1915 on S. rim;
 $\frac{1}{4}$ S27 in W. and
S26 in E. half;
and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Pits impracticable.
62.00 Asc. S. slope, 385 ft. to
75.00 Spur, brs. SE. Desc. NE. slope, 85 ft. to
80.00 Thence along broken SE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 22, 23, 26 and 27, marked on
brass cap
1915 on S. rim;
T13N R13W 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, mountainous.
Soil, rocky on slopes, sandy in draws; 4th rate.
No timber.
Undergrowth, cat^a claw, palo verde and greasewood.
Feb. 10, 1915: At this cor., I set off $14^{\circ} 29'$ S. on the decl
arc; and at apparent noon, I observe the sun on the
meridian; the resulting lat. is $34^{\circ} 27'$ N.
-
- 40.00 S. $89^{\circ} 55'$ E., on a random line, bet. secs. 23 and 26.
Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
23, 24, 25 and 26.
Thence I run
S. $89^{\circ} 59'$ W., on a true line, bet. secs. 23 and 26.
Over mountainous land, through scattering undergrowth.
Desc. W. slope to
4.00 Ravine, course SW. Thence over rolling land.
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
1915 on S. rim;
 $\frac{1}{4}$ S23 in N. and
S25 in S. half;

Subdivision of T. 13 N., R. 13 W.

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

- 45.00 Ravine, course SW.
- 51.40 Ravine, course SW. Asc. SE. slope, 150 ft. to
- 60.50 Spur, brs. S. Desc. SW. slope, 145 ft. to
- 74.00 Asc. SE. slope, 85 ft. to
- 79.88 The cor. of secs. 22, 23, 26 and 27.

Land, rolling and mountainous.
Soil, rocky on slopes, sandy in draws; 4th rate.
No timber.
Undergrowth, cat claw, palo verde and greasewood.

I. W. S.
Feb. 10, 1915.

Apr. 7, 1915: R. D. A

At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 27' N. on the lat. arc; 6° 36' 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 mountainous land, through scattering undergrowth.
- Asc. SE. slope, 30 ft. to
- 5.00 Spur, brs. E. Asc. NE. slope, 310 ft.
- 20.00 Draw, 10 lks. wide, course W. Asc. S. slope, 330 ft. to
- 40.00 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;
S22 in W. and
S23 in E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

- 48.00 Asc. SW. slope, 240 ft. to
- 80.00 Spur, brs. SW. Thence along W. slope.
- Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap

1915 on S. rim;
T13N R13W in N. half;
S15 in NW.,
S14 in NE.,
S23 in SE. and
S22 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Land, mountainous.
Soil, 4th rate.
No timber.

Undergrowth, palo verde, cat claw and greasewood.

Apr. 7, 1915: At this cor. I set off 6° 39' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 28' N.

Apr. 7, 1915.

Apr. 8, 1915:

- 40.00 N. 89° 59' E., on a random line, bet. secs. 14 and 23.
- 79.96 Set temp. 1/4 sec. cor.
- Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run

- S. 89° 57' W., on a true line, bet. secs. 14 and 23.
- Over rolling land, through scattering undergrowth.
- 8.95 Draw, course SSW.
- 14.45 Draw, course SW.

Chains
 30.45 Wash, course SSW. Asc. E. slope, 580 ft.
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S14 in N. and
 S23 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 Continue to asc. E. slope.
 50.15 Edge of table land, brs. N. and S. Thence over level land.
 77.15 Edge of table land, brs. N. and S. Desc. W. slope, 130 ft. to
 79.96 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, ocatilla and cacti.
 R. D. A.
 Apr. 8, 1915.

Apr. 9, 1915: I. W. S.
 At 9 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 28'$ N. on the lat. arc; $7^{\circ} 21\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 14, 15, 22 and 23.
 Thence I run
 N. $0^{\circ} 1'$ W., bet. secs. 14 and 15.
 Over mountainous land, through scattering undergrowth.
 10.00 Desc. NW. slope, 160 ft. to
 18.70 Gulch, course W. Continue to desc. NW. slope, 155 ft. to
 30.40 Gulch, course W. Asc. granite cliff, 160 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;
 $\frac{1}{4}$ S15 in W. and
 S14 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 40.70 Ridge, brs. E. and W. Desc. NW. slope, 490 ft.
 55.75 Desc. NE. slope,
 78.50 Trail, brs. E. and W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap
 1915 on S. rim;
 T13N R13W in N. half;
 S10 in NW.,
 S11 in NE.,
 S14 in SE. and
 S15 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, mountainous:
 Soil, rocky, 4th rate.
 No timber,
 Undergrowth, palo verde, cat claw, greasewood and cacti.

40.00 N. $89^{\circ} 57'$ E., on a random line, bet. secs. 11 and 14.
 Set temp. $\frac{1}{4}$ sec cor.
 80.04 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 11, 12, 13 and 14.
 Thence I run
 S. $89^{\circ} 55'$ W., on a true line, bet. secs. 11 and 14.

Chains.

Over rolling land, through scattering undergrowth.
 Desc. SW. slope, 120 ft. to
 17.65 N. edge of main draw, course W.
 18.35 Leave draw, course WSW. Over hanging gravel cliff, 35 ft.
 high.
 19.00 Thence over rolling land.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, on bed rock, supported by a mound of stone, for
 $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S11 in N. and
 S14 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 Apr. 9, 1915: At this cor., I set off $7^{\circ} 24'$ N. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is $34^{\circ} 28\frac{1}{2}'$ N.
 54.50 Along S. slope of E. and W. ridge. 10 chs. S. to main
 draw, course W.
 75.35 Draw, course NW.
 80.04 The cor. of secs. 10, 11, 14 and 15.
 Land, rolling.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, greasewood, ocatilla
 and cacti.

Apr. 9, 1915.

Apr. 10, 1915: At 7 hrs. 0 m., a.m., l.m.t., I set off 34°
 $28\frac{1}{2}'$ N. on the lat. arc; $7^{\circ} 43'$ N. on the decl. arc; and
 determine a meridian with the solar at the cor. of
 secs. 10, 11, 14 and 15.

Thence I run

N. $0^{\circ} 1'$ W., bet. secs. 10 and 11.
 Over rolling land, through scattering undergrowth.
 2.60 Ravine, 40 ft. deep, course W. Asc. SW. slope, 35 ft. to
 10.00 Spur, brs. W. Desc. NW. slope, 50 ft. to
 15.00 Draw, course W. Asc. SW. slope, 50 ft. to
 20.00 Rocky spur, brs. NW. Desc. NW. slope, 70 ft. to
 38.60 Draw, course W. Thence over rolling land.
 39.10 Cliff, 30 ft. high; desc.
 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;
 $\frac{1}{4}$ S10 in W. and
 S11 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 45.20 Draw, course NW.
 65.00 Ravine, course W.
 74.00 Gulch, course W.
 78.40 Gulch, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 2, 3, 10 and 11, marked on
 brass cap
 1915 on S. rim;
 T13N R13W 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. Pits impracticable.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, greasewood and cacti.

	Apr. 10, 1915: At this cor., I set off $7^{\circ} 46\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 29\frac{1}{2}'$ N.
40.00	N. $89^{\circ} 55'$ E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.
80.15	Intersect N. and S. line, 19 lks. S. of the cor. of secs. 1, 2, 11 and 12. Thence I run S. $89^{\circ} 47'$ W., on a true line, bet. secs. 2 and 11. Over mountainous land, through scattering undergrowth. Desc. W. slope, 55 ft. to
4.95	Draw, course NW. Road in draw, brs. NW. to Signal, and SE. to the side. Asc. E. slope, 85 ft. to
12.55	Ridge, brs. N. and S. Desc. SW. slope, 270 ft. to
35.00	Foot of desc. Asc. SE. slope, 30 ft. to
40.00	Ridge, brs. SW. and NE. Desc. SW. slope, 155 ft.
40.07 $\frac{1}{2}$	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; $\frac{1}{4}$ S2 in N. and S11 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
80.15	The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, mesquite, ocotilla and cacti. I. W. S. Apr. 10, 1915.
	Apr. 10, 1915: R. D. A.
40.00	N. $0^{\circ} 1'$ W., on a random line, bet. secs. 2 and 3. Set temp. $\frac{1}{4}$ sec. cor.
80.26	Intersect N. bdy. of Tp., 4.57 chs. W. of the witness cor. to cor. of secs. 2, 3, 34 and 35, which is an iron post, established by me, 4.50 chs. E. of the true point for cor. of secs. 2, 3, 34 and 35, as described in Book "A". From the true point for cor. of secs. 2, 3, 34 and 35, I run S. $0^{\circ} 2'$ W., on a true line, bet. secs. 2 and 3. In bed of Big Sandy River, through dense undergrowth.
6.00	Leave Big Sandy River, course SW. Thence along E. bank of River.
20.00	Draw, 50 lks. wide, course W.
25.00	Enter wash, course W.
33.00	Leave wash, course W.
38.00	Wash, 1 ch. wide, course W.
40.26	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; $\frac{1}{4}$ S3 in W. and S2 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
69.45	Gulch, course W.
72.25	Gulch, course W.
76.05	Gulch, course W.
80.26	The cor. of secs. 2, 3, 10 and 11. Land, level and rolling. Soil, sandy and rocky, 4th rate. No timber, Undergrowth, mesquite, cotton-wood and cacti. R. D. A. Apr. 10, 1915.

Subdivision of T. 13 N., R. 13 W.

Chains. Feb. 12, 1915: I. W. S.
 At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 25' N. on the lat. arc; 13° 51½' S. on the decl. arc; and determine a meridian with the solar at the std. cor. of secs. 33 and 34, on the S. bdy. of the Tp., which is an iron post, marked and witnessed as described by the Surveyor-General.

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

1.40 Ravine, course SE. Asc. S. slope, 175 ft. to
 8.75 Spur, brs. W. Desc. NW. slope, 320 ft. to
 30.00 Asc. SW. slope, 90 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, on a spur, brs. W., for ¼ sec. cor., marked on brass cap

1915 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. Pits impracticable.

Desc. NW. slope, 310 ft. to
 55.40 Ravine, course NE. Asc. SE. slope, 70 ft. to
 77.50 Spur, brs. NE. Desc. NW. slope, 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

1915 on S. rim;
 T13N R13W 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. Pits impracticable.

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, cat claw and greasewood.

I. W. S.
 Feb. 12, 1915.

R. D. A.
 Feb. 10, 1915: At the cor. of secs. 27, 28, 33 and 34, I set off 14° 29' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 26' N.

40.00 East on a random line, bet. secs. 27 and 34.
 Set temp. ¼ sec. cor.
 79.86 Intersect N. and S. line at the cor. of secs. 26, 27, 34 and 35.

Thence I run
 West on a true line, bet. secs. 27 and 34.
 Over rolling land, through scattering timber.

.50 Wash, 20 lks. wide, course NE. Asc. SE. slope, 225 ft. to
 11.00 Desc. SW. slope, 50 ft. to
 21.00 Wash, 5 lks. wide, course ESE. Asc. NE. slope, 110 ft. to
 26.00 Spur, brs. NE. Continue to asc. SE. slope, 50 ft. to
 39.93 Ridge, brs. NE. and SW. 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;
 ¼S27 in N. and
 S34 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Desc. W. slope, 115 ft. to
 50.00 Wash, 100 lks. wide, course NE. Asc. SE. slope, 260 ft. to
 65.00 Spur, brs. NE. Desc. NW. slope, 80 ft. to

Chains.

74.20 Asc. SE. slope, 60 ft. to
 79.86 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling and mountainous.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde, cat claw and cacti.

R. D. A.

I. W. S.
 N. 0° 2' W., bet. secs. 27 and 28.
 Over mountainous land, through scattering undergrowth.
 Desc. N. slope, 130 ft. to
 21.00 Ravine, course NE. Asc. SE. slope, 270 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;
 $\frac{1}{4}$ S28 in W. and
 S27 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.

Feb. 10, 1915.

Feb. 12, 1915: At this cor., I set off 13° 50' S. on the
 decl. arc; and at apparent noon, I observe the sun on the
 meridian; the resulting lat. is 34° 26 $\frac{1}{2}$ ' N.

Thence I continue

N. 0° 2' W., bet. secs. 27 and 28.
 40.50 Spur, brs. NE. Desc. N. slope, 290 ft. to
 49.35 Ravine, course NE. Asc. SE. slope, 130 ft. to
 55.00 Spur, brs. E. Desc. NE. slope, 295 ft. to
 65.00 Enter Big Sandy River, course S. 40° E.
 71.20 Edge of water, course S. 40° E.
 73.50 Edge of water, course S. 40° E. Thence along sandy bar.
 80.00 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
 on brass cap

1915 on S. rim;
 T13N R13W 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, level and mountainous.

Soil, rocky on slopes, sandy on the level; 4th rate.

No timber.

Undergrowth, mesquite, palo verde, cat claw and ocatilla.

Feb. 12, 1915.

Feb. 10, 1915.
 East on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.72 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 22, 23, 26 and 27.
 Thence I run
 S. 89° 58' W., on a true line, bet. secs. 22 and 27.
 Over rolling land, through scattering undergrowth.
 Asc. E. slope, 30 ft. to
 1.00 Spur, brs. S. Desc. slightly to
 39.70 Ravine, course SW.
 39.86 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;
 $\frac{1}{4}$ S22 in N. and
 S27 in S. half;

Chains.

73.70 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
 E. bank of Big Sandy River, course SSE. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on bed rock, supported by a mound of stone, for witness cor. to cor. of secs. 21, 22, 27 and 28, marked on brass cap
 1915 on S. rim;
 WC N. of center;
 T13N R13W in N. half;
 S21 in NW.,
 S22 in NE.,
 S27 in SE. and
 S28 in SW. quadrant;

79.72 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
 Thence across Big Sandy River, course SSE.
 The cor. of secs. 21, 22, 27 and 28.
 Land, level and rolling.
 Soil, rocky on slopes, sandy on level; 4th rate.
 No timber.
 Undergrowth, mesquite, palo verde, cat claw and greasewood.
 Note: The cor. of secs. 21, 22, 27 and 28 stands on a sand-bar in the Big Sandy River, and is quite often overflowed. The witness cor. is a precaution against the regular cor. being washed out.

I. W. S.
Feb. 10, 1915.

Apr. 5, 1915: R. D. A.

At 2 hrs. 5 m., p. m., l.m.t., I set off 34° 27' N. on the lat. arc; 5° 55½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 21, 22, 27 and 28.

Thence I run
N. 0° 2' W., bet. secs. 21 and 22.
In river bottom.

10.00 Thence in water, course S.
 33.00 Leave water, flows from NW. Thence across river bottom.
 35.00 Leave bottom, brs. NW. and SSE. Asc. SW. slope, 120 ft. to
 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
 1915 on S. rim;
 ¼ S21 in W. and
 S22 in E. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

56.00 Asc. SW. slope, 340 ft. to
 79.50 Spur, brs. NW. Desc. NE. slope, 320 ft. to
 80.00 Draw, 10 lks. wide, course W.

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;
 T13N R13W 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, 1½ ft. high, W. of cor. Pits impracticable.

Land, level and mountainous.
Soil, 4th rate.

Timber, scattering cotton-wood.
Undergrowth, arrowweed, mesquite, cat claw and cacti.
Apr. 5, 1915.

Chains.

Apr. 7, 1915: At 2 hrs. 0 m., p.m., l.m.t., I set off $34^{\circ} 28'$ N. on the lat. arc; $6^{\circ} 41'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.

Thence I run
 $N. 89^{\circ} 58'$ E., on a random line, bet. secs. 15 and 22.

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

80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence I run
 $N. 89^{\circ} 59'$ W., on a true line, bet. secs. 15 and 22.
 Over mountainous land, through scattering undergrowth.
 Desc. W. slope, 510 ft. to

40.00 Draw, 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

1915 on S. rim;
 $\frac{1}{4}$ S15 in N. and
 S22 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.

Asc. NE. slope, 30 ft. to

50.00 Spur, brs. N. and S. Desc. W. slope, 90 ft. to

55.00 Asc. SE. slope, 50 ft. to

61.50 Spur, brs. NE. and SW. Desc. N.W. slope, 150 ft. to

71.00 Draw, 10 lks. wide, course WSW.

80.00 The cor. of secs. 15, 16, 21 and 22.
 Land, mountainous.
 Soil, 4th rate.
 No timber.
 Undergrowth, cacti.

R. D. A.
 Apr. 7, 1915.

Apr. 10, 1915: I. W. S.
 $N. 0^{\circ} 2'$ W., bet. secs. 15 and 16.
 Over rolling rocky land, through scattering undergrowth.

11.50 Ravine, course W. Asc. S. slope, 145 ft. to

19.40 Top of hill. Desc. N. slope, 110 ft.

25.00 Spur, brs. W.

37.91 F. Real's house brs. N. $22\frac{1}{2}^{\circ}$ 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

1915 on S. rim;
 $\frac{1}{4}$ S16 in W. and
 S15 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.

Desc. N. slope, 125 ft.

40.40 F. Real's house brs. N. $31\frac{1}{4}^{\circ}$ W.
 Stamp Mill brs. S. $88\frac{1}{4}^{\circ}$ W.
 Corral brs. N. $80\frac{1}{2}^{\circ}$ W.
 Leiva's house brs. N. $78\frac{3}{4}^{\circ}$ W.
 G. Levi's Store-Signal Post Office- brs. N. $69\frac{1}{2}^{\circ}$ W.
 School house brs. N. 66° W.
 Old Smelter brs. N. $53\frac{1}{4}^{\circ}$ W., 50 chs. dist.
 Cyanide Plant brs. S. $86\frac{3}{4}^{\circ}$ W.

44.70 Trail, brs. E. and W.

47.50 Fence, brs. SSW. and NNE.

53.43 Fence, brs. E. and W. Edge of flat. Thence over level land

60.00 Ditch, 30 lks. wide, course SW.

66.60 Road, brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap

1915 on S. rim;
 T13N R13W in N. half;
 S9 in NW.,
 S10 in NE.,

Chains.

- S15 in SE. and
S16 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.
From this cor., cyanide plant brs. S. 44° W.
Stamp Mill brs. S. 48¾° W.
Mexican house brs. S. 56¾° W.
G. Levi's store- Signal Post Office- brs. S. 65½° W.
Land, level and rolling.
Soil, sandy and rocky, 2nd and 4th rate.
No timber.
Undergrowth, palo verde, mesquite and cacti.
Sparse sand-grass.
-
- 40.00 S. 89° 59' E., on a random line, bet. secs. 10 and 15.
Set temp. ¼ sec. cor.
79.96 Intersect N. and S. line, 33 lks. N. of the cor. of secs.
10, 11, 14 and 15.
Thence I run
N. 89° 45' W., on a true line, bet. secs. 10 and 15.
Over rolling land, through scattering undergrowth.
4.16 Desc. SW. slope of rocky butte, 75 ft., to
15.30 Draw, course SW.
26.45 Old road, brs. NE. and SW.
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
1915 on S. rim;
¼ S10 in N. and
S15 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.
45.95 Ravine, course SSW.
69.15 E. edge of sand flat, brs. NE. and SW.
71.50 Old road, brs. N. and S.
74.75 Ditch, course S.
76.00 Road, brs. NNE. and SSW.
79.96 The cor. of secs. 9, 10, 15 and 16.
Land, rolling and hilly.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, cat claw and cacti.
I. W. S.
Apr. 10, 1915.
-
- Apr. 6, 1915: R. D. A.
N. 0° 2' W., bet. secs. 9 and 10.
Over Big Sandy River bottom land.
22.00 Big Sandy River, 5 chs. wide, 6 ins. deep, course SW.
Continue across bottom land.
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
1915 on S. rim;
¼ S9 in W. and
S10 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.
55.00 S. bank of Island, brs. NE. and SW.
60.00 N. bank of Island, brs. NE. and SW.
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;
T13N R13W in N. half;
S4 in NW.,
S3 in NE.,

Chains.

S10 in SE. and
S9 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.
Land, level.
Soil, sandy, 3rd rate.
Timber, cotton-wood.
Undergrowth, arrow-weed and mesquite.

Apr. 6, 1915.

Apr. 10, 1915.
S. 89° 45' E., on a random line, bet. secs. 3 and 10.
40.00 Set temp. ¼ sec. cor.
79.56 Intersect N. and S. line, at the cor. of secs. 2, 3, 10
and 11.
Thence I run
N. 89° 45' W., on a true line, bet. secs. 3 and 10.
Over rolling land, through scattering undergrowth.
Desc. 60 ft. to
13.00 E. bank of Big Sandy River, course SW.
14.50 Big Sandy River, clear water; 1.50 chs. wide, 6 ins. deep,
course SW.
39.78 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 S3 in N. and
S10 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor. Pits impracticable.
Continue across Big Sandy River bottom.
79.56 The cor. of secs. 3, 4, 9 and 10.
Land, level and rolling.
Soil, sandy, 3rd rate.
Timber, cotton-wood.
Undergrowth, arrow-weed and mesquite.

Apr. 10, 1915.

Apr. 6, 1915.
N. 0° 2' W., on a random line, bet. secs. 3 and 4.
40.00 Set temp. ¼ sec. cor.
79.95 Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs.
3, 4, 33 and 34, which is an iron post, established by
me, as described in Book "A".
Thence I run
S. 0° 9' E., on a true line, bet. secs. 3 and 4.
Over level mesa, through scattering undergrowth.
15.00 Wash, course SE.
30.00 Wash, course SE.
39.95 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 S4 in W. and
S3 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. Pits impracticable.
58.00 Bluff, 30 ft. high, brs. NE. and SW. Thence in Big Sandy
River Bottom.
60.00 Old road, brs. NE. and SW.
79.95 The cor. of secs. 3, 4, 9 and 10.
Land, level and rolling.
Soil, 3rd rate.
No timber.
Undergrowth, yucca and cacti.

R. D. A.
Apr. 6, 1915.

Subdivision of T. 13 N., R. 13 W.

Chains.

Feb. 12, 1915: I. W. S.
 From the std. cor. of secs. 32 and 33, on the S. bdy. of the Tp., which is an iron post, marked and witnessed as described by the Surveyor-General, I run N. 0° 2' W., bet. secs. 32 and 33.
 Over mountainous land, through scattering undergrowth. Desc. N. slope, 200 ft. to
 11.55 Ravine, course NE. Asc. SE. slope, 435 ft. to
 38.50 Ridge, brs. E. and W. Desc. NE. slope, 435 ft.
 40.00 Set a granite stone, 16 X 8 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 impracticable.
 63.75 Spur, brs. NE.
 73.55 Same spur, brs. NW. Desc. NE. slope, 185 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap
 1915 on S. rim;
 T13N R13W 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. Pits impracticable.
 Land, mountainous.
 Soil, rocky on slopes; sandy in draws; 4th rate.
 No timber.
 Undergrowth, cat claw, palo verde and greasewood.
 I. W. S.
 Feb. 12, 1915.

Feb. 10, 1915: R. D. A.
 East on a random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 27, 28, 33 and 34.
 Thence I run
 N. 89° 56' W., on a true line, bet. secs. 28 and 33.
 Over rolling land, through scattering undergrowth.
 24.00 Wash, 50 lks. wide, course NE. Asc. NE. slope, 215 ft. to
 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
 1915 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. Pits impracticable.
 Feb. 10, 1915.

Feb. 12, 1915: At this cor., I set off 34° 26' N. on the lat. arc; 13° 51 $\frac{1}{2}$ ' S. on the decl. arc; and at 7 hrs. 55 m., a.m., l.m.t., I determine a meridian with the solar.
 Thence I continue
 N. 89° 56' W., on a true line, bet. secs. 28 and 33.
 Along N. slope, over rolling land, through scattering undergrowth.
 58.50 Wash, 5 lks. wide, course ENE. Asc. E. slope, 290 ft. to
 69.50 Spur, brs. NE.
 80.06 The cor. of secs. 28, 29, 32 and 33.
 Land, mountainous.
 Soil, rocky, 3rd and 4th rate; granite base.
 No timber.
 Undergrowth, palo verde, cat claw and greasewood.
 R. D. A.
 Feb. 12, 1915.

Chains.

Feb. 12, 1915: I. W. S.
 N.0° 2' W., bet. secs. 28 and 29.
 Over mountainous land, through scattering undergrowth.
 Desc. N. slope, 330 ft. to
 5.00 Desc. on spur, brs. N.
 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;
 $\frac{1}{4}$ 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. Pits impracticable.
 A prospector's shaft, at the end of the wagon road, brs.
 about S. 40° W., about 20 chs. dist.
 Desc. NE. slope, 185 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 20, 21, 28 and 29, marked on
 brass cap
 1915 on S. rim;
 T13N R13W 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. Pits impracticable.
 Land, mountainous.
 Soil, rocky, 4th rate on slopes; sandy 3rd rate in draws.
 No timber.
 Undergrowth, palo verde, cat claw and greasewood.
 I. W. S.
 Feb. 12, 1915.

Apr. 5, 1915: R. D. A.
 S.89° 56' E., on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.78 Intersect N. and S. line, 16 lks. S. of the cor. of secs.
 21, 22, 27 and 28.
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 21 and 28.
 Across Sandy River bottom, through scattering undergrowth.
 5.30 W. bank of Big Sandy River, brs. N. and S. Asc. E. slope,
 685 ft. to
 13.80 Spur, brs. N. Continue to asc. NE. slope.
 39.89 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;
 $\frac{1}{4}$ 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. Pits impracticable.
 Apr. 5, 1915: At this cor., I set off 5° 53 $\frac{1}{2}$ ' N. on the
 decl. arc; and at apparent noon, I observe the sun on the
 meridian; the resulting lat. is 34° 27' N.
 47.80 Spur, brs. NW. Desc. SW. slope, 365 ft.
 60.78 Draw, 25 lks. wide, course N.
 73.80 Draw, 70 lks. wide, course NE. Asc. E. slope, 55 ft. to
 79.78 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, none.
 Undergrowth, palo verde, cat claw and greasewood.

N.0° 2' W., bet. secs. 20 and 21.
 Over mountainous land, through scattering undergrowth.

Chains.

Asc. SE slope, 250 ft.
 6.00 Spur, brs. SW. Continue asc.
 19.50 Spur, brs. W. Desc. N slope, 270 ft. to
 31.00 Draw, 25 lks. wide, course NE. Asc. SE slope, 25 ft. to
 35.00 Spur, brs. E. Desc. N slope, 60 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;
 $\frac{1}{4}$ 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. Pits impracticable.
 41.90 Wash, 100 lks. wide, course NE. Asc. S. slope, 50 ft. to
 52.50 Spur, brs. E. Desc. N. slope, 105 ft. to
 60.00 Draw, 10 lks. wide, course E. Asc. SE slope, 280 ft. to
 75.00 Ridge, brs. NE. and SW. Desc. NW. slope, 80 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 16, 17, 20 and 21, marked on
 brass cap
 1915 on S. rim;
 T13N-R13W 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, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, cat claw, greasewood and cacti.

N. 89° 57' E., on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.64 Intersect N. and S. line, 16 lks. S. of the cor. of secs.
 15, 16, 21 and 22.
 Thence I run
 S. 89° 50' W., on a true line, bet. secs. 16 and 21.
 Over mountainous land, through scattering undergrowth.
 1.66 Draw, 10 lks. wide, course NW. Asc. NE slope, 50 ft. to
 12.50 Spur, brs. N. Desc. NW. slope, 140 ft. to
 34.00 Edge of Big Sandy River, course S. Stream of clear water,
 120 lks. wide, 6 ins. deep.
 39.00 W. bank of Big Sandy River, course S.
 39.75 Old road, brs. NW. and SE.
 39.82 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;
 $\frac{1}{4}$ S16 in N. and
 S21 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 Asc. rocky NE. slope, 575 ft.
 59.00 Spur, brs. NW. and SE. Asc. E. slope.
 67.50 Spur, brs. NE. and SW. Thence along N. slope.
 72.50 Spur, brs. NW. and SE. Desc. W. slope, 120 ft. to
 79.64 The cor. of secs. 16, 17, 20 and 21.
 Land, mountainous.
 Soil, 4th rate.
 No timber.
 Undergrowth, cat claw, mesquite, palo verde and greasewood

R. D. A.
 Apr. 6, 1915.

Apr. 12, 1915: I. W. S.

Chains.	
	At 8 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 28' N.$ on the lat. arc; $8^{\circ} 27\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21.
	Thence I run
	$N. 0^{\circ} 2' W.$, bet. secs. 16 and 17.
	Over mountainous land, through scattering undergrowth.
	Asc. SW. slope, 190 ft. to
13.00	Top of hill, Desc N. slope, 280 ft.
20.00	Along W. side of divide.
32.00	Desc. NE. slope, 185 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; $\frac{1}{4}$ S17 in W. and S16 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
52.50	Draw, course E.
60.00	S. edge of wash, course ESE.
62.18	Road, brs. NW. to Yucca, and SE. to Signal.
63.75	Walter's house, brs. S. $67\frac{1}{4}^{\circ} W.$, 9.93 chs. dist. Leave wash, course SE.
65.00	E. edge of Walter's alfalfa field, 60 lks. W.
78.00	Draw, course SW.
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; T13N R13W in N. half; S8 in NW., S9 in NE., S16 in SE. and S17 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous and rolling. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, yucca and greasewood.
	$N. 89^{\circ} 50' E.$, on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.68	Intersect N. and S. line, 21 lks. S. of the cor. of secs. 9, 10, 15 and 16.
	Thence I run
	$S. 89^{\circ} 41' W.$, on a true line, bet. secs. 9 and 16.
	Over rolling land, through scattering undergrowth.
17.00	Main channel of Big Sandy River, course SSW.
22.70	Water course, 10 lks. wide, course SSW.
25.70	Water course, 10 lks. wide, course SSW.
32.60	Leave Big Sandy River, course S. Sand bluff 20 ft. high,
39.84	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; $\frac{1}{4}$ S9 in N. and S16 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
	Asc. SE. slope, 95 ft. to
40.70	Top of spur, brs. NE. Desc. NW. slope, 40 ft.
46.90	Draw, course N.
58.80	Road, brs. NNE. to Kingman, and SSW. to Signal.
59.90	Road, brs. NW. and SE.
67.70	Road, brs. NW. and SE.
72.15	From this point, school house brs. S. $53^{\circ} E.$
79.68	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, sandy, 4th rate.

Chains.

	<p>No timber. Undergrowth, palo verde, mesquite, greasewood and cacti. Apr. 12, 1915: At this cor., I set off $8^{\circ} 30\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 28\frac{1}{2}'$ N.</p>
12.70	N. $0^{\circ} 2'$ W., bet. secs. 8 and 9. Over rolling, broken land, through scattering undergrowth.
27.00	Wash, course SE. Asc. SW. slope, 50 ft. to Ridge, brs. NW. and SE. Thence over rolling land.
39.10	Wash, 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 1915 on S. rim; $\frac{1}{4}$ S8 in W. and S9 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
42.30	Draw, course SSE.
53.50	Draw, course E.
55.00	Spur, brs. E.
58.80	Draw, course E.
69.00	Wash, course SE.
71.10	Asc. rocky hill, 155 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, supported by a mound of stone, for cor. of secs. 4, 5, 8 and 9, marked on brass cap 1915 on S. rim; T13N R13W in N. half; S5 in NW., S4 in NE., S9 in SE. and S8 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, SW. of cor. Pits impracticable. Land, rolling. Soil, shallow, 3rd and 4th rate. No timber, Undergrowth, palo verde, greasewood, cat claw and cacti. Apr. 12, 1915.
	<p>Apr. 13, 1915: N. $89^{\circ} 41'$ E., on a random line, bet. secs. 4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. and S. line, 44 lks. N. of the cor. of secs. 3, 4, 9 and 10. Thence I run West on a true line, bet. secs. 4 and 9. Over rolling land, through scattering undergrowth. Across Big Sandy River Bottom land.
12.05	Road, brs. NE. to Kingman, and SW. to Signal.
13.65	Leave Big Sandy River, course SSW. Gravel bluff, 20 ft. high, brs. NNE. and SSW.
39.92	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; $\frac{1}{4}$ S4 in N. and S9 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
51.05	Draw, course SE.
52.84	Draw, course SE. Asc. NE. slope, 230 ft. to
72.60	Top of hill. Desc. SW. slope, 90 ft. to
79.84	The cor. of secs. 4, 5, 8 and 9. Land, rolling and mountainous.

Chains.

Soil, sandy, 2nd and rocky, 4th rate.
No timber.
Undergrowth, mesquite, cat claw, greasewood and cacti.
Apr. 13, 1915.

Apr. 12, 1915.

N. 0° 2' W., on a random line, bet. secs. 4 and 5.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.20 Intersect N. bdy. of Tp., 19 lks. E. of the cor. of secs.
4, 5, 32 and 33, which is an iron post, established by
me, as described in Book "A".
Thence I run
S. 0° 10' E., on a true line, bet. secs. 4 and 5.
Over rolling land, through scattering undergrowth.
Desc. SW. slope to
5.00 Enter draw, course SE.
18.40 Leave draw, End of spur, from W.
20.20 Draw, course E.
34.70 Old road, brs. NW. and SE.
40.20 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;
 $\frac{1}{4}$ 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. Pits impracticable.
54.70 Draw, course E.
56.60 Draw, course E.
60.80 Gulch, 30 ft. deep, course SE. Asc. NE. slope, 140 ft. to
71.60 Ridge, brs. NW. and SE. Desc. SW. slope, 55 ft. to
80.20 The cor. of secs. 4, 5, 8 and 9.
Land, rolling and mountainous.
Soil, 3rd and 4th rate.
No timber.
Undergrowth, mesquite, palo verde, cat claw and cacti.
I. W. S.
Apr. 12, 1915.

Feb. 12, 1915: R. D. A.

From the std. cor. of secs. 31 and 32, on the S. bdy. of
the Tp., which is an iron post, marked and witnessed as
described by the Surveyor-General, I run
N. 0° 3' W., bet. secs. 31 and 32.
Over mountainous land, through scattering undergrowth.
Asc. SW. slope, 45 ft. to
4.00 Spur, brs. NW. Desc. N. slope, 185 ft. to
16.00 Wash, 15 lks. wide, course NW. Thence over rolling land.
40.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 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.
42.00 Spur, brs. NW. Desc. NE. slope, 110 ft. to
54.00 Wash, 10 lks. wide, course NW. Asc. SW. slope, 230 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for cor. of secs. 29, 30, 31 and 32, marked on
brass cap
1915 on S. rim;
T13N R13W in N. half;
S30 in NW.,
S29 in NE.,
S32 in SE. and

Subdivision of T. 13 N., R. 13 W.

Chains.

S31 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. Pits impracticable.
 Land, mountainous and rolling.
 Soil, rocky 3rd and 4th rate; granite base.
 No timber.
 Undergrowth, palo verde, cat claw, mesquite and cacti.
 Feb. 12, 1915: At this cor., I set off 13° 50' S. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 26' N.

40.00 East on a random line bet. secs. 29 and 32.
 79.89 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 33 lks. S. of the cor. of secs.
 28, 29, 32 and 33.

Thence I run
 S. 89° 46' W., on a true line, bet. secs. 29 and 32.
 Over mountainous land, through scattering undergrowth.
 Along N. slope.

18.50 Wash, course NE. Asc. SE. slope, 110 ft. to
 39.94½ 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;
 ¼S29 in N. and
 S32 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.

57.00 Asc. E. slope, 250 ft. to
 65.00 Spur, brs. N. Desc. W. slope, 50 ft. to
 79.89 Head of draw, course N. Asc. NE. slope, 215 ft. to
 The cor. of secs. 29, 30, 31 and 32, on a ridge, brs. NW.
 and SE.

Land, mountainous.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde, cat claw, yucca and cacti.
 Feb. 12, 1915.

40.00 Apr. 7, 1915.
 79.88 West on a random line, bet. secs. 30 and 31.
 Set temp. ¼ sec. cor.
 Intersect W. bdy. of Tp., 21 lks. N. of the cor. of secs.
 25, 30, 31 and 36, established by I. W. S., as described
 in Book "A".

Thence I run
 N. 89° 51' E., on a true line, bet. secs. 30 and 31.
 Over mountainous land, through scattering undergrowth.
 Asc. SW. slope, 105 ft.

10.00 Slope changes to N.
 17.50 Spur, brs. NE. Desc. E. slope, 280 ft.
 35.00 Wash, 50 lks. wide, course N. Asc. W. slope, 445 ft.
 39.88 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;
 ¼S30 in N. and
 S31 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.

67.00 Spur, brs. SW. Thence along S. slope.
 79.88 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, cat claw and grease-
 wood.
 Apr. 7, 1915.

Chains

Feb. 12, 1915.

N. 0° 3' W., bet. secs. 29 and 30.
Over mountainous land, through scattering undergrowth.
Asc. SW. slope, 50 ft. to

4.00 Ridge, brs. NW. and SE. Desc. N. slope, 345 ft. to

21.00 Wash, 5 lks. wide, course E. Asc. SE. slope, 85 ft. to

29.50 Spur, brs. NE. Desc. NW. slope, 195 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
1915 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. Pits impracticable.

Continue to desc. NW. slope, 390 ft. to

74.00 Wash, 1 ch. wide, course NE. Asc. SE. slope, 60 ft. to

76.50 Spur, brs. NE. Desc. NW. slope, 20 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 19, 20, 29 and 30, marked on
brass cap
1915 on S. rim;
T13N R13W 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. Pits impracticable.

Land, mountainous.
Soil, 3rd and 4th rate.
No timber.
Undergrowth, cat claw, palo verde, greasewood and cacti.
R. D. A.
Feb. 12, 1915.

Feb. 13, 1915: I. W. S.

At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 27' N. on the
lat. arc: 13° 32' S. 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. 89° 46' E., on a random line, bet. secs. 20 and 29.

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

80.06 Intersect N. and S. line, 23 lks. N. of the cor. of secs.
20, 21, 28 and 29.

Thence I run

S. 89° 56' W., on a true line, bet. secs. 20 and 29.
Over hilly land, through scattering undergrowth.
Desc. NW. slope, 60 ft. to

15.00 Wash, course NE.

27.00 Old road, brs. NW. and SE. to prospect hole.

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
1915 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. Pits impracticable.

Asc. gradual E. slope, 130 ft. to

66.50 Desc. NW. slope, 100 ft. to

74.70 Ravine, course NE. Asc. SE. slope, 80 ft. to

80.06 The cor. of secs. 19, 20, 29 and 30.
Land, hilly.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw, palo verde, greasewood and cacti.

Subdivision of T. 13 N., R. 13 W.

Chains.

40.00 S. 89° 51' W., on a random line, bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect W. bdy. of Tp., 16 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by me, as described in Book "A".
Thence I run
N. 89° 58' E., on a true line, bet. secs. 19 and 30.
Over mountainous land, through scattering undergrowth.
Asc. W. slope, 50 ft. to

12.38 Spur, brs. N. Desc. NE. slope, 210 ft. to

40.08 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, on bed rock, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 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. Pits impracticable.
Desc. SE. slope, 375 ft., over mountainous land.

65.00 Desc. E. slope.

80.08 The cor. of secs. 19, 20, 29 and 30.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, cat claw, greasewood and cacti.
Feb. 13, 1915: At this cor., I set off 13° 30' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 27' N.
I. W. S.
Feb. 13, 1915.

Feb. 12, 1915: R. D. A.
N. 0° 3' W., bet. secs. 19 and 20.
Over mountainous land, through scattering undergrowth.
Desc. NW. slope, 35 ft. to

5.00 Wash, 50 lks. wide, course NE. Asc. SE. slope, 185 ft. to

12.50 Spur, brs. NE.

17.00 Spur, brs. NW. Desc. NE. slope, 170 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
1915 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. Pits impracticable.

46.00 Desc. NE. slope, 145 ft. to

80.00 Edge of mesa, brs. NW. and SE. Thence over level land.
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;
T13N R13W 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. Pits impracticable.
Land, mountainous.
Soil, rocky, 3rd rate and 4th rate; granite base.
No timber.
Undergrowth, greasewood, palo verde, cat claw and cacti.
Feb. 12, 1915.

Chains.

Apr. 5, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 28'$ N. on the lat. arc; $5^{\circ} 50\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence I run
N. $89^{\circ} 56'$ E., on a random line, bet. secs. 17 and 20.

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

80.00 Intersect N. and S. line, 33 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run
N. $89^{\circ} 50'$ W., on a true line, bet. secs. 17 and 20.
Over mountainous land, through scattering undergrowth.
Asc. NE. slope to
4.00 Spur, brs. NW. Desc. W. slope, 285 ft. to
30.00 Foot of mountains, br. N. and S. Thence across level mesa.
35.50 Road, brs. N. and S.
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;
 $\frac{1}{4}$ 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. Pits impracticable.

80.00 The cor. of secs. 17, 18, 19 and 20.
Land, level and mountainous.
Soil, 4th rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
Apr. 5, 1915: The sky was overcast at noon, making an observation for lat. impossible. Apr. 5, 1915.

Apr. 14, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off $34^{\circ} 28'$ N. on the lat. arc; $5^{\circ} 50\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence I run
S. $89^{\circ} 58'$ W., on a random line, bet. secs. 18 and 19.

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

80.00 Intersect W. bdy. of Tp., 16 lks. N. of the cor. of secs. 13, 18, 19 and 24, established by I. W. S., as described in Book "A".

Thence I run
N. $89^{\circ} 51'$ E., on a true line, bet. secs. 18 and 19.
Over level land, through scattering undergrowth.

4.00 Wash, 10 lks. wide, course ENE.

19.00 Wash, 10 lks. wide, course ESE.

30.00 Thence over broken land.

33.00 Wash, 15 lks. wide, course ENE.

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;
 $\frac{1}{4}$ S18 in N. and
S19 in S. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
Thence over rolling land.

80.00 The cor. of secs. 17, 18, 19 and 20.
Land, level, rolling and broken.
Soil, 3rd and 4th rate; granite base.
No timber.
Undergrowth, greasewood, palo verde, yucca and cacti.
Apr. 14, 1915.

Subdivision of T. 13 N., R. 13 W.

Chains.

Apr. 12, 1915: At 8 hrs. 5 m., a.m., l.m.t., I set off 34° 28' N. on the lat. arc; 8° 27½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence I run
N. 0° 3' W., bet. secs. 17 and 18.
Over level mesa, through scattering undergrowth.

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
1915 on S. rim;
¼S18 in W. and
S17 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

43.80 Road, brs. E. and W.

45.00 Wash, 30 lks. wide, 1 ft. deep, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap
1915 on S. rim;
T13N R13W 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, 1½ ft. high, W. of cor. Pits impracticable.

Land, level.
Soil, 3rd rate.
No timber.
Undergrowth, yucca and cacti.

40.00 S. 89° 50' E., on a random line, bet. secs. 8 and 17.
Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 8, 9, 16 and 17,
Thence I run
N. 89° 44' W., on a true line, bet. secs. 8 and 17.
Over level mesa, through scattering undergrowth.

4.70 Draw, course SE. Thence over rolling land, to

15.00 Thence over level land.

39.95 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;
¼S8 in N. and
S17 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

66.30 Road, brs. NW. and SE.

79.90 The cor. of secs. 7, 8, 17 and 18.
Land, level and rolling.
Soil, 3rd rate.
No timber.
Undergrowth, yucca and cacti.

40.00 S. 89° 51' W., on a random line, bet. secs. 7 and 18.
Set temp. ¼ sec. cor.

79.86 Intersect W. bdy. of Tpa, 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, established by I. W. S., as described in Book "A".
Thence I run
N. 89° 50' E., on a true line, bet. secs. 7 and 18.
Over level land, through scattering undergrowth.

39.86 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;

Chains	
79.86	<p> $\frac{1}{4}$S7 in N. and S8 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. The cor. of secs. 7, 8, 17 and 18. Land, level. Soil, 3rd rate. No timber. Undergrowth, yucca and cacti. </p>
3.20	<p>N. 0° 3' W., bet. secs. 7 and 8.</p>
40.00	<p>Over level mesa, through scattering undergrowth. Road, brs. NW. to Yucca, and SE. to Signal. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p>
50.00	<p>1915 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.</p>
65.00	<p>Enter wash, course SE.</p>
75.00	<p>Leave wash, course SE.</p>
80.00	<p>Wash, 1 ch. wide, course SSE. 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</p>
	<p>1915 on S. rim; T13N R13W in N. half; S6 in NW., S5 in NE., S8 in SE. and S7 in SW. quadrant;</p>
	<p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.</p>
	<p>Land, level and rolling.</p>
	<p>Soil, 3rd rate.</p>
	<p>No timber.</p>
	<p>Undergrowth, yucca and cacti.</p>
	<p>Apr. 12, 1915: At this cor., I set off $8^{\circ} 30\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $34^{\circ} 29\frac{1}{2}'$ N.</p>
40.00	<p>S. $89^{\circ} 44'$ E., on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor.</p> <p style="text-align: right;">R. D. A. Apr. 12, 1915.</p>
80.04	<p>Apr. 13, 1915: I. W. S. At this temp. $\frac{1}{4}$ sec. cor., I set off $34^{\circ} 29\frac{1}{2}'$ N. on the lat. arc; $8^{\circ} 50\frac{1}{2}'$ N. on the decl. arc; and at 10 hrs. 0 m., a.m., l.m.t., I determine a meridian with the solar.</p>
	<p>Thence I continue</p>
	<p>S. $89^{\circ} 44'$ E., on a random line, bet. secs. 5 and 8.</p>
	<p>Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.</p>
	<p>Thence I run</p>
	<p>N. $89^{\circ} 45'$ W., on a true line, bet. secs. 5 and 8.</p>
	<p>Over rolling, broken land, through scattering undergrowth.</p>
10.50	<p>Draw, course SE.</p>
22.00	<p>Draw, course SE.</p>
40.02	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p>
	<p>1915 on S. rim; $\frac{1}{4}$S5 in N. and S8 in S. half;</p>

Subdivision of T. 13 N., R. 13 W.

45

Chains.

	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Apr. 13, 1915: At this cor., I set off 8° 52½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 29½' N.
51.00	Road, brs. NW. and SE.
54.40	Road, brs. NW. and SE.
80.04	The cor. of secs. 5, 6, 7 and 8, Land, level and rolling. Soil, 3rd rate. No timber. Undergrowth, palo verde, yucca, greasewood and cacti. I. W. S. Apr. 13, 1915.
	Apr. 12, 1915: R. D. A. S. 89° 50' W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. ¼ sec. cor.
79.40	Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 1, 6, 7 and 12, established by I. W. S., as described in Book "A". Thence I run N. 89° 48' E., on a true line, bet. secs. 6 and 7. Over level mesa, through scattering undergrowth.
37.40	Enter wash, course SE.
39.40	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; ¼S6 in N. and S7 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
71.40	Leave wash, course SE. Low spur, brs. SE.
76.40	Wash, 1 ch. wide, course SSE.
79.40	The cor. of secs. 5, 6, 7 and 8, Land, level. Soil, 3rd rate. No timber. Undergrowth, palo verde, greasewood, yucca and cacti.
	N. 0° 3' W., on a random line, bet. secs. 5 and 6.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect N. bdy. of Tp., 9 lks. E. of the cor. of secs. 5, 6, 31 and 32, established by I. W. S., as described in Book "A". Thence I run S. 0° 7' E., on a true line, bet. secs. 5 and 6. Over level land, through scattering undergrowth.
39.88	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; ¼S6 in W. and S5 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
52.68	Road, brs. NW. and SE.
79.88	The cor. of secs. 5, 6, 7 and 8. Land, level. Soil, 3rd rate. No timber. Undergrowth, greasewood, yucca and cacti. Apr. 12, 1915.

Chains.

GENERAL DESCRIPTION.

This Tp. consists of rough, rocky, mountainous land, in the South and East portions, and rolling mountainous land in the Northern part. The Big Sandy River, a wide river with low banks, and practically dry a large part of the year, flows southerly through the East portion. All washes drain to the River. On the slopes, there is much bare rock, and but little soil, and in the washes, sandy soil, mixed with rock, abounds. There is some small amount of grass supporting a few hungry-looking cattle. Practically all the vegetation is of the cactus family and consists of yucca, palo verde, ocatilla, prickly pear, century plant, spanish bayonet, soap weed, cat claw, greasewood, mesquite, etc. Signal, an old mining camp, is in sec. 16, there being a school house, a store, and one or two other houses. In sec. 17 is Walter's Ranch, consisting of a house and about 3 acres of alfalfa, and a few fruit trees.

There are a few mineral prospects and some evidence of mineral.

U. S. Surveyor.

U. S. Transition.

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, February 15, 1917.

The foregoing field notes of the survey of the Subdivision lines of
 Township 13 North, Range 13 West
 and Retracement and Resurvey of the
 Third Guide Meridian West through
 Tps. 13 and 14 N., bet. Rs. 12 and 13 West
 of the Gila and Salt River Base and Meridian, in the State of Arizona.

executed by Irving W. Stoddard, U.S. Surveyor & R.D. Armstrong, U.S. Transitman under special instructions dated December 28th, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements & resurveys surveys they describe, are hereby approved.

Frank O. Frost

U. S. Surveyor General. of Arizona.

~~I certify that the foregoing transcript of the field notes of the above described surveys, retracements and resurveys in Book "B" Group 41, has been correctly copied from the original notes on file in this office.~~