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BOOK 2932

Book "U"

(Subdivisions)

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines

of

Fractional Township 16 $\frac{1}{2}$ North, Range 15 W.,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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

and

Thomas A. Hayden & Deane J. Wolff, U.S. Transitmen,

~~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.

Survey commenced December 22, 1915.

Survey completed January 6, 1916.

Relegated under assignment instructions dated Nov. 29, 1915

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Book "U".

BOOK 2932

INDEX DIAGRAM.

Township 16 $\frac{1}{2}$ North, Range 15 West.

4 th Standard Par. Resurveyed					North					
19	15	20	11	21	9	22	6	28	3	24
14		14		11		8		5		2
30	14	29	10	28	8	27	5	26	2	25
13		13		10		7		4		1
31	12	32	10	33	7	34	4	35	1	36

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———— Notes in Book "A".
 ———— Surveyed under Gp. 46.

11 720 1916

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Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

Chains.

Survey commenced Dec. 22, 1915, and executed jointly by Albert Smith, Jr., U. S. Surveyor, and Thos A. Hayden and Deane J. Wolff, U. S. Transitmen, with Young and Sons' light mountain transits Nos. 8583 and 8396, with Smith solar attachments. For description of instruments, certificate of approval and tests of adjustments, see subdivision of T. 16 N., R. 15 W.

In the following field notes, the initials A. S., T. A. H. and D. J. W. refer to Albert Smith, Jr., U. S. Surveyor, and Thos A. Hayden and Deane J. Wolff, U. S. Transitmen, respectively.

A. S., T. A. H. and D. J. W.

Dec. 23, 1915: A. S.

At 2 hrs. 9 m., p.m., l.m.t., I set off 34° 46' N. on the lat. arc; 23° 25' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by me, as described in Book "A".

Thence I run

N.0° 1' W., bet. secs. 35 and 36.

Over mountainous land, through dense undergrowth.

Asc. 190 ft. to

17.70 Ridge, brs. NW. and SE. Desc. NE. slope, 65 ft. to

23.60 Gulch, 10 lks. wide, course NE. Asc. 15 ft. to

26.60 Desc. 35 ft. to

34.55 Gulch, 5 lks. wide, course E. Asc. SE. slope, 155 ft.

40.00 Set a granite stone, 20 X 10 X 7 ins., 15 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.

42.70 Spur, slopes E. Desc. NE. slope, 30 ft. to

49.75 Asc. 55 ft. to

54.70 Spur, slopes NE. Desc. NW. slope, 290 ft. to

76.00 Center of main wash, 70 lks. wide, course SE. Comes from W. Asc. to

79.00 Desc. to

79.85 Gulch, 10 lks. wide, course SE. Asc. to

80.00 Point for cor. of secs. 25, 26, 35 and 36, falls on granite rock in place, 2 X 2 X 1 ft. above ground, on which

Cut a cross (X) at the corner point, for cor. of secs. 25, 26, 35 and 36, marked with 1 notch on S. and E. edges; from which

A granite boulder, 5 X 4 X 3 ft. above ground, marked cross (X), with BO beside cross, brs. S.45° E., 2 lks. dist.

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.

No timber.

Undergrowth, mahogany and oak brush.

Dec. 23, 1915.

Dec. 24, 1915: At 9 hrs. 0 m., a.m., l.m.t., I set off 34° 47' N. on the lat. arc; 23° 24' 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.89° 56' E., on a random line, bet. secs. 25 and 36.

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

80.10 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 25, 30 31 and 36, which is an iron post, established by Carl Dyson, U. S. Transitman, as described in Book "A".

Thence I run

S.89° 59' W., on a true line, bet. secs. 25 and 36.

Over mountainous land, through dense undergrowth.

Asc. 35 ft. to

6.10 Desc. 25 ft. to

12.90 Gulch, 10 lks. wide, course N. Asc. 565 ft.

2. Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

Chains.	
40.05	Set a granite stone, 14 X 10 X 6 inx., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
46.30	Ridge, brs. NW. and SE. Desc. 495 ft.
79.00	Road, brs. NW. to Cedar, and SE. to San Francisco Mine. and Signal.
80.10	The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, granite; 3rd rate. No timber. Undergrowth, mahogany and scrub oak. Dec. 24, 1915: At this cor., I set off 23° 24 $\frac{1}{2}$ ' S. on the decl. arc; and at apparent noon I observe the sun on the meridian; the resulting lat. is 34° 47' N.
	N. 0° 1' W., bet. secs. 25 and 26. Over mountainous land, through dense undergrowth. Asc. 55 ft.
.86	Road, brs. NW. to Cedar and SE. to San Francisco Mine and Signal.
2.68	Desc. to
4.88	Wash, 20 lks. wide, course SW. Asc. 555 ft.
20.70	From this point, buildings of Cedar br. as follows:- Bunk House No. 1 brs. S. 83 $\frac{1}{4}$ ° W. Bunk House No. 2 brs. N. 80 $\frac{1}{4}$ ° W. Twin cabin brs. N. 71° W. House brs. N. 57 $\frac{1}{4}$ ° W.
40.00	Set a granite stone, 16 X 10 X 4 ins., 12 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.
51.35	Desc. to
53.80	Head of gulch, 10 lks. wide, course SW. Asc. SE. slope, 460 ft.
62.10	Spur, slopes SW. Asc. SW. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, and a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap 1915 on S. rim; T16 $\frac{1}{2}$ N R15W 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, mountainous. Soil, granite; 3rd rate. No timber. Undergrowth, mahogany and scrub oak. Dec. 24, 1915.
	Dec. 26, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 48' N. on the lat. arc; 23° 29 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 23, 24, 25 and 26. Thence I run N. 89° 59' E., on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.05	Intersect E. bdy. of Tp., at the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by Carl Dyson, U. S. Transitman, as described in Book "A". Thence I run S 89° 59' W., on a true line, bet. secs. 24 and 25.

Subdivision of Fractional T. 16 $\frac{1}{2}$ N. R. 15 W. 3.

Chains.

Over mountainous land, through dense undergrowth.
 Desc. to
 15.00 Gulch, course NE. Asc. 250 ft. to
 40.02 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground and 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;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 Thence along N. slope to
 49.15 Head of gulch, course NE. Asc. E. slope, 780 ft. to
 67.25 Ridge, brs. NW. and SE. Desc. 25 ft. to
 70.05 Asc. 50 ft. to
 72.15 Spur, slopes S. Desc. SW. slope, 200 ft. to
 80.05 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, mahogany and scrub oak.
 Dec. 26, 1915: The sky was cloudy at noon, making an
 observation for lat. impossible.

N.0° 1' W., on a true line, bet. secs. 23 and 24.
 Over mountainous land, through dense undergrowth.
 Asc. SW. slope, 335 ft. to
 14.05 Ridge, brs. NW. and SE. Asc. SW. slope, 40 ft. to
 16.00 Ridge, brs. E. and S. Desc. NW. slope, 870 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.
 marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S23 in W. and
 S24 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. N. slope to
 65.38 Intersect Fourth Standard Parallel North, 6.92 chs. E.
 of the standard cor. of secs. 31 and 32, T. 17 N., R.
 14 W., which is an iron post, 3 ins. diam., marked and
 witnessed as described by the Surveyor-General.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor.
 of secs. 23 and 24, marked on brass cap
 1915 on S. rim;
 CC S. of center;
 S32 in N. and
 T16 $\frac{1}{2}$ N R15W in S. half;
 S24 in SE. and
 S23 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 S. of cor. Pits impracticable.
 Land, mountainous.
 Soil, granite boulders; 3rd rate.
 No timber.
 Undergrowth, mahogany and scrub oak.
 Dec. 26, 1915.

Dec. 27, 1915: At 8 hrs. 30 m., a.m., l.m.t., I set off
 34° 46' N. on the lat. arc; 23° 19' S. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the
 Tp., which is a cross on a rock in place, established
 by me, as described in Book "A".

4. Subdivision of Fractional T. 16 $\frac{1}{2}$ N. R. 15 W.

Chains.

	Thence I run N.0° 1' W., bet. secs. 34 and 35, Over mountainous land, through dense undergrowth.
5.75	Along E. slope to
14.13	Desc. N. slope, 220 ft. to
30.00	Wash, 50 lks. wide, course SE. Asc. SW. slope, 355 ft. to
40.00	Spur, slopes SE. Desc. 100 ft. to 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. Asc. 20 ft. to
43.80	Desc. 35 ft. to
57.50	Gulch, 10 lks. wide, course SE. Asc. S. slope, 215 ft. to
68.04	Ridge, brs. NW. and SE. Desc. N. slope, 125 ft. to
76.20	Gulch, course SE. Spring brs. W., 2 chs. dist. Asc. 80 ft. to
80.00	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; T16 $\frac{1}{2}$ N R15W 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. Land, mountainous. Soil, granite rocks; 3rd rate. No timber. Undergrowth, scrub oak, mahogany and laurel. Dec. 27, 1915: At this cor., I set off 23° 20' S' on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 47' N.
40.00	N.89° 56' E., on a random line, bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, at the cor. of secs. 25, 26, 35 and 36. Thence I run S.89° 56' W., on a true line, bet. secs. 26 and 35. Over mountainous land, through dense undergrowth. Desc. to
.10	Gulch, 10 lks. wide, course SE. Asc. 45 ft. to
3.72	Thence along S. slope.
8.00	Telephone line, brs. N. and S. to San Francisco Mine.
8.92	From this point, a granite stone, 12 X 14 X 6 ins. above ground, marked S & No 1912 B witnessed by a mound of stone, to the S., brs. S.44° 17' W., 5.19 chs. dist. This is presumably cor. No. 10 of the Silver Queen Mill Site. The NE. cor. of a fifteen stamp mill brs. N.61° 21' W., 3.78 chs. dist.
9.00	Desc. to
13.92	Spring branch, 2 lks. wide, course SE. Asc. 140 ft.
21.68	From this point, buildings of Cedar brs as follows:- Bunk house No. 1 brs. N.26° E. Bunk house No. 2 brs. N.19° E. Twin cabin brs. N.10 $\frac{1}{4}$ ° E. House brs. N.6 $\frac{3}{4}$ ° E.
25.53	Desc. to
28.75	Enter gulch, 20 lks. wide, course SE. Comes from W.

Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W. 5.

Chains.

32.13 Leave gulch, course E. Comes from SW. Asc. 220 ft.
 ✓ 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, and a mound of stone, 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, W. of cor. Pits impracticable.
 48.16 Desc. 25 ft. to
 51.83 Gulch, 8 lks. wide, course NE. Asc. E. slope, 540 ft. to
 76.25 Spur, ridge, brs. NE. and NW. Desc. W. slope, 70 ft. to
 ✓ 80.04 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, granite rocks; 3rd rate.
 No timber.
 Undergrowth, scrub oak, mahogany and laurel.
 Dec. 27, 1915.

Dec. 31, 1915: Cloudy; impossible to make solar observation.
 Run back and foresight line.
 N.0° 1' W., bet. secs. 26 and 27.
 Over mountainous land, through dense undergrowth.
 Asc. to
 1.00 Ridge, brs. E. and W. Desc. N. slope, 335 ft. to
 16.60 Gulch, 15 lks. wide, course NE. Asc. along E. slope to
 25.50 Point of spur, slopes E. Desc. 20 ft. to
 30.10 Gulch, 15 lks. wide, course SE. Asc. 390 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 25 ins. in a mound of stone, 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.
 45.60 Spur, extends 20 chs. SE. Thence along broken E. slope.
 Desc. to
 49.60 Asc. 70 ft. to
 54.40 Desc. 95 ft. to
 64.70 Asc. broken E. slope, 205 ft. to
 71.25 Desc 20 ft. to
 73.40 Asc. 40 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, on bed rock, for cor. of secs. 22, 23, 26 and 27, marked on brass cap
 1915 on S. rim;
 T16 $\frac{1}{2}$ N R15W 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, granite rocks; 3rd rate.
 No timber.
 Undergrowth, scrub oak, mahogany and cat claw.
 Dec. 31, 1915.

Dec. 24, 1915.
 N.89° 56' E., on a random line, bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.93 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 23, 24, 25 and 26.

6. Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

Chains.	
	Thence I run S. 89° 53' W., on a true line, bet. secs. 23 and 26. Over mountainous land, through dense undergrowth. Desc. SW. slope, 295 ft. to
14.18	Asc. 50 ft. to
19.13	Desc. 160 ft. to
28.80	Asc. 20 ft. to
30.55	Desc. 40 ft.
35.90	Road, brs. NW. to Yucca, and SE. to Signal and San Francisco Mine.
36.40	One wire telephone line, brs. N. and S. to San Francisco Mine.
37.70	Wash, 12 lks. wide, course SE. Asc. 680 ft.
39.96 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S23 in N. and S26 in S. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. From this cor., U. S. M. No. 1, Cedar Valley Mining District, which is a granite boulder, 6 X 6 X 6 ft. above ground, marked cross "(X)" and "U. S. M. No. 1, CD. R. Mn. Dist, Est. March 5th, 1883", brs. S. 34° E., 26.70 chs. dist.
55.80	Sky Line road, brs. W. and S.
69.66	Spur, slopes SE. Desc. SW. slope, 185 ft.
74.73	Sky Line road, brs. NW. and SE.
79.93	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, granite rocks; 3rd rate. No timber. Undergrowth, mahogany, scrub oak and cat claw. Jan. 1, 1916.
	N. 0° 1' W., on a true line, bet. secs. 22 and 23. Over mountainous land, through dense undergrowth. Asc. SE. slope, 260 ft.
2.60	Sky line road, brs. SE. to Signal and San Francisco Mine, and SW.
8.35	Ridge, brs. NE. and SW. Desc. slightly to
9.00	Asc. 200 ft. to
31.25	Spur, slopes W. Desc. NW. slope, 805 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; $\frac{1}{4}$ S22 in W. and S23 in E. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
57.25	Road, brs. E. to Signal and San Francisco Mine, and W. to Yucca.
64.00	Gulch, course NE. Asc. SE. slope, 40 ft. to
65.47	Intersect the Fourth Standard Parallel North, 6.77 chs. E. of the standard cor. of Tps. 17 N., Rs. 14 and 15 W., which is an iron post, 3 ins. diam., marked and witnessed as described by the Surveyor-General. At the point of intersection, set a iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 22 and 23, marked on brass cap 1915 on S. rim; CC S. of center; S31 in N. and T16 $\frac{1}{2}$ N R15W in S. half; S23 in SE. and S22 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,

Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W. 7.

Chains.

S. of cor. Pits impracticable.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, mahogany, scrub oak and cat claw.
 Jan. 2, 1915.

Dec. 28, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off
 34° 46' N. on the lat. arc; 23° 15' S. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the
 Tp., which is a cross on a granite ledge, established
 by me, as described in Book "A".

Thence I run

N.0° 2' W., bet. secs. 33 and 34.

Over mountainous land, through dense undergrowth.

Asc. 605 ft.

15.95 Enter gulch, 10 lks. wide, course SE. Comes from N. Asc.
 in gulch.

23.80 Leave gulch, course S. Comes from NE.

35.40 Head of same gulch, course SE.

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;
 $\frac{1}{4}$ S33 in W. and
 S34 in E. half;

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

40.20 Ridge, brs. E. and W. Desc. 570 ft.

41.20 Sky Line road, brs. E. to Cedar, and W.

70.20 Gulch, 10 lks. wide, course NW. Asc. 95 ft. to

78.80 Desc. 15 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground, 10 ins. in a mound of stone, for cor. of secs.
 27, 28, 33 and 34, marked on brass cap

1915 on S. rim;
 T16 $\frac{1}{2}$ N R15W 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, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.

Land, mountainous.

Soil, granite rocks; 3rd rate.

No timber.

Undergrowth, scrub oak, mahogany and laurel.

Dec. 28, 1915: At this cor., I set off 23° 17 $\frac{1}{2}$ ' S. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 47' N.

N.89° 56' E., on a random line, bet. secs. 27 and 34.

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

80.07 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 26, 27, 34 and 35.

Thence I run

S.89° 54' W., on a true line, bet. secs. 27 and 34.

Over mountainous land, through dense undergrowth.

Asc. 1000 ft.

2.00 Saddle of ridge, brs. S. 1 ch dist. Asc. along N. side of
 ridge, brs. E. and W.

40.03 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, 15 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap

1915 on S. rim;

8. Subdivision of Fractional T. 15 $\frac{1}{2}$ N., R. 15 W.

Chains.

	<p>$\frac{1}{4}$S27 in N. and S34 in S. half; and raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.</p>
45.50	Ridge, brs. N. and S. Desc. 470 ft., along N. slope,
52.50	Sky Line road, brs. NE. to Cedar, and SW.
68.50	Spur, slopes NW. Desc. along S. slope.
74.90	Point of spur, slopes W. Desc. W. slope.
80.07	The cor. of secs. 27, 28, 33 and 34. Land, mountainous. Soil, granite rocks; 3rd rate. No timber. Undergrowth, scrub oak, mahogany and mountain laurel. Dec. 28, 1915.
	<p>Dec. 30, 1915: Cloudy; run back and foresight line. N.0° 2' W., bet. secs. 27 and 28. Over mountainous land, through dense undergrowth. Asc. along W. slope, 145 ft. to</p>
7.70	Granite cliffs, 80 ft. high, br. N. and S. Desc. along W. slope, 535 ft. to
31.40	Gulch, 20 lks. wide, course W. Asc. SW. slope, 105 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, 15 ins. in a mound of stone, 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.
41.57	Desc. 250 ft. to
58.40	Asc. 45 ft. to
66.85	Spur, slopes NW. Desc. N. slope, 295 ft. to
79.90	Gulch, course NE. Asc. to
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 brass cap 1915 on S. rim; T16 $\frac{1}{2}$ N R15W 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, mountainous Soil, granite rocks; 3rd rate. No timber. Undergrowth, scrub oak, cat claw and mahogany. Dec. 30, 1915.
	<p>Jan. 2, 1916: At 8 hrs. 30 m., a.m., l.m.t., I set off 34° 48' N. on the lat. arc; 22° 57' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 21, 22, 27 and 28.</p>
	Thence I run
40.00	N.89° 54' E., on a random line, bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor.
80.09	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence I run
	N.89° 56' W., on a true line, bet. secs. 22 and 27. Over mountainous land, through dense undergrowth. Asc. E. slope, 215 ft.
4.30	Sky Line road, brs. N. and S.

Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

9.

Chains.

6.52 Ridge, brs. NE. and SW. Desc. W. slope, 145 ft. to
 15.00 Head of gulch, course N. Asc. NE. slope, 90 ft. to
 20.75 Spur, slopes NW. Desc. SW. slope, 670 ft.
 40.04 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, 20 ins. in a mound of stone, 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;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 Jan. 2, 1916.

Jan. 3, 1916.
 At 8 hrs. 0 m., a.m., l.m.t., I set off 34° 48' N. on the
 lat. arc; 22° 50 $\frac{1}{2}$ ' S. on the decl. arc; and determine
 a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs.
 22 and 27.
 Thence I continue
 N. 89° 56' W., on a true line, bet. secs. 22 and 27.

57.10 Gulch, 10 lks. wide, course NW. Asc. 35 ft to
 69.10 Point of spur, slopes NW. Desc. 180 ft. to
 79.80 Gulch, 10 lks. wide, course NE. Asc. to
 80.09 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous.
 Soil, granite rocks; 3rd rate.
 No timber.
 Undergrowth, mahogany, cat claw and laurel.

Jan. 3, 1916: At this cor., I set off 22° 52 $\frac{1}{2}$ ' S. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 48' N.

N. 0° 2' W., on a true line, bet. secs. 21 and 22.
 Over rolling land, through dense undergrowth.
 Desc. to
 4.00 Gulch, course NW. Desc. along broken W. slope to
 12.20 Gulch, 20 lks. wide, 30 ft. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, on solid rock, for $\frac{1}{4}$ sec. cor., marked on brass
 cap
 1915 on S. rim;
 $\frac{1}{4}$ S21 in W. and
 S22 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.

45.90 Enter wash, 25 lks. wide, course N.
 55.00 Leave wash, course NE. Desc. along E. slope, 135 ft. to
 65.41 Intersect Fourth Standard Parallel North, 6.41 chs. E. of
 the standard cor. of secs. 35 and 36, T. 17 N., R. 15
 W., which is an iron post, 3 ins. diam., properly set,
 marked and witnessed as described by the Surveyor-
 General.
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor.
 of secs. 21 and 22, marked on brass cap
 1915 on S. rim;
 CC S. of center;
 S36 in N. and
 T16 $\frac{1}{2}$ N R15W in S. half;
 S22 in SE. and
 S21 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 S. of cor. Pits impracticable.
 Land, rolling.
 Soil, sandy; 3rd rate.
 No timber.
 Undergrowth, scrub oak, mahogany and cat claw.
 Jan. 3, 1916.
 A. S.

10.

Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

Chains.

T. A. H.

Dec. 27, 1915: At 9 hrs. 0 m., a.m., l.m.t., I set off 34° 46' N. on the lat. arc; 23° 19 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is a granite stone, established by me, as described in Book "A".

Thence I run

N.0° 2' W., bet. secs. 32 and 33.

Over mountainous land, through dense undergrowth.

Asc. 205 ft. to

12.60 Spur, slopes SE. Desc. NE. slope, 55 ft. to

19.50 Gulch, course SE. Heads 4 chs. NW. Asc. SE. slope, 705 ft.

40.00 Set a granite stone, 24 X 12 X 10 ins., 16 ins. in the ground, on solid rock, in a mound of stone, 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.

Dec. 27, 1915: At this cor., I set off 23° 20' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 46 $\frac{1}{2}$ ' N.

48.45 Abandoned wagon trail, brs. N.60° E. and S.75° W.

57.25 Ridge, brs. E. and W. Desc. NE. slope, 160 ft. to

74.00 Along E. slope.

80.00 Set a granite stone, 26 X 24 X 12 ins., 20 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked $\frac{1}{4}$, with 4 notches on E. and 1 notch on S. edge; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, manzanita, mahogany, oak brush and scrub oak.

Dec. 27, 1915

E. A. H.

D. J. W.

Jan. 7, 1916: At 8 hrs. 30 m., a.m., l.m.t., I set off 34° 47' N. on the lat. arc; 22° 26 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 and 33.

Thence I run

N.89° 56' E., on a random line, bet. secs. 28 and 33.

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

80.22 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

S.89° 57' W., on a true line, bet. secs. 28 and 33.

Over mountainous land, through dense undergrowth.

Desc. to

10.22 Gulch, course N. Asc. 295 ft. to

27.90 Spur, slopes N. Desc. 230 ft.

40.11 Point for $\frac{1}{4}$ sec. cor. falls on granite rock in place, 4 X 3 X 3 ft. above ground, on which

Cut a cross (X) at the corner point, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ beside cross; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

50.22 Gulch, course NE. Asc. 575 ft. to

80.22 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, manzanita, scrub oak, mahogany and cat claw.

Jan. 7, 1916.

D. J. W.

T. A. H.

Dec. 28, 1915: At 9 hrs. 4 m., a.m., l.m.t., I set off 34° 47' N. on the lat. arc; 23° 17' S. on the decl. arc; and determine a meridian with the solar at the

Subdivision of Fractional T. 16 1/2 N., R. 15 W. 11.

Chains.

cor. of secs. 28, 29, 32 and 33.
 Thence I run
 N.0° 2' W., bet. secs. 28 and 29.
 Over mountainous land, through dense undergrowth.
 Asc. 40 ft. to
 5.00 Spur, slopes NE. Desc. N. slope, 825 ft.
 40.00 Point for 1/4 sec. cor. falls on granite stone in place,
 4 X 3 X 1 1/2 ft. above ground, on which
 Cut a cross (X) at the corner point, for 1/4 sec. cor.,
 marked 1/4 W. of cross; and raise a mound of stone, 2 ft.
 base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 47.20 Gulch, course E. Asc. SE. slope, 425 ft. to
 75.20 Spur, slopes E. Desc. N. slope, 190 ft. to
 80.00 Point for cor. of secs. 20, 21, 28 and 29, falls on granite
 30 X 14 X 8 ins. above ground, on which
 Cut a cross (X) at the corner point, for cor. of secs.
 20, 21, 28 and 29, marked with 4 notches E. and 2 notches
 S. of cross; and raise a mound of stone, 2 ft. base, 1 1/2
 ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, manzanita, oak, and scrub oak.
 Dec. 28, 1915: At this cor., I set off 23° 17 1/2' S. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 48' N.
 T. A. H. Dec. 28, 1915.

A. S.
 Jan. 4, 1916: At 9 hrs. 30 m., a.m., l.m.t., I set off
 34° 48' N. on the lat. arc; 22° 47' S. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 20, 21, 28 and 29.
 Thence I run
 N.89° 57' E., on a random line, bet. secs. 21 and 28.
 40.00 Set temp. 1/4 sec. cor.
 80.16 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
 21, 22, 27 and 28.
 Thence I run
 S.89° 59' W., on a true line, bet. secs. 21 and 28.
 Over mountainous land, through dense undergrowth.
 Desc. to
 4.30 Creek, 3 lks. wide, in gulch, course SE. Asc. in creek to
 13.14 Leave gulch, course E. Comes from SW. Asc. 275 ft. to
 28.40 Spur, slopes S. Desc. SW. slope, 65 ft. to
 33.70 Wash, 15 lks. wide, course SE. Asc. NE. slope, 1065 ft.
 40.08 Set a granite stone, 18 X 12 X 12 ins., 13 ins. in the
 ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise
 a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 Pits impracticable.
 Continue to asc. NE. slope to
 77.36 Spur, slopes NE. Desc. NW. slope, 45 ft. to
 80.16 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Soil, granite rocks; 3rd rate.
 No timber.
 Undergrowth, scrub oak, mahogany and laurel.
 Jan. 4, 1916: The sky was overcast for a short time at
 noon, making an observation for lat. impossible.
 Jan. 4, 1916.

Jan. 5, 1916: Foggy and stormy; continue back and fore-
 sight line.
 N.0° 2' W., on a true line, bet. secs. 20 and 21.
 Over mountainous land, through dense undergrowth.

12. Subdivision of Fractional T. 16 $\frac{1}{2}$ N., R. 15 W.

Chains.

25.30 Desc. 705 ft. to Gulch, 10 lks. wide, course NE. Asc. broken E. slope, 80 ft. to

32.00 Desc. 95 ft. to

40.00 Point for $\frac{1}{4}$ sec. cor. falls where it is impracticable to establish same. I return to

39.35 Point for witness cor. to $\frac{1}{4}$ sec. cor. falls on granite stone in place, 24 X 24 X 6 ins. above ground, on which cut a cross (X) at the point for witness cor. to $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ W. of cross, and WC on NE. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

From the true point for $\frac{1}{4}$ sec. cor.,

Asc. 30 ft. to

42.35 Desc. 20 ft. to

44.92 Asc. 45 ft. to

49.80 Desc. 50 ft. to

57.65 Asc. 35 ft. to

61.60 Desc. 30 ft. to

65.28 Intersect the Fourth Standard Parallel North, 6.37 chs. E. of the standard cor. of secs. 34 and 35, T. 17 N., R. 15 W., which is an iron post, 3 ins. diam., set, marked and witnessed as described by the Surveyor-General.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 20 and 21, marked on brass cap

1915 on S. rim;
CC S. of center;
S35 in N. and
T16 $\frac{1}{2}$ N R15W in S. half;
S21 in SE. and
S20 in SW. quadrant;

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

Land, mountainous.
Soil, granite rocks; 3rd rate.
No timber.
Undergrowth, scrub oak and mahogany.

Jan. 5, 1916.
A. S.

T. A. H.

Dec. 26, 1915: At 9 hrs. 8 m., a.m., l.m.t., I set off 34° 46' N. on the lat. arc; 23° 21 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is a granite stone, established by me, as described in Book "A".

Thence I run

N.0° 3' W., bet. secs. 31 and 32.

Over mountainous land, through dense undergrowth.

Asc. SW. slope, 460 ft. to

13.75 Ridge, brs. E. and W. Desc. NW. slope, 445 ft. to

26.00 Deep gulch, course N.70° W. Asc. SW. slope, 220 ft. to

38.00 Spur, slopes NW. Desc. N. slope, 235 ft.

40.00 Set a granite stone, 26 X 14 X 6 ins., 18 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

A pinion, 16 ins. diam., brs. N.76 $\frac{1}{2}$ ° E., 84 lks. dist., marked $\frac{1}{4}$ S32 BT.

A pinion, 8 ins. diam., brs. S.87 $\frac{1}{2}$ ° W., 204 lks. dist., marked $\frac{1}{4}$ S31 BT.

Dec. 26, 1915: The sky was overcast at noon, making an observation for lat. impossible.

47.00 Gulch, course SW. Asc. S. slope, 615 ft. to

72.00 Ridge, brs. NW. and SE. Desc. 95 ft. to

80.00 Set a granite stone, 18 X 10 X 10 ins., 13 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked with 5 notches on E. and 1 notch on S. edge; and raise

Subdivision of Fractional R. 16 1/2 N., R. 15 W. 13.

Chains.

a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Pits impracticable.
 Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, pinion and scrub cedar.
 Undergrowth, manzanita, oak brush and mahogany.
 Dec. 26, 1915.
 T. A. H.

40.00 T. A. H. and D. J. W.
 80.26 Dec. 28, 1915.
 N. 89° 56' E., on a random line, bet. secs. 29 and 32.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 28, 29, 32 and 33.
 Thence I run
 S. 89° 54' W., on a true line, bet. secs. 29 and 32.
 Over mountainous land, through dense undergrowth.
 Asc. SE. slope, 250 ft. to
 14.75 Ridge, brs. N and S. Desc. broken NW. slope, 945 ft.
 25.96 Abandoned road, brs. NE. and SW.
 Dec. 28, 1915.

40.13 Jan. 5, 1916: Cloudy; continue back and foresight line,
 from line previously established.
 Set a granite stone, 16 X 12 X 8 ins. 11 ins. in the
 ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise
 a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 47.50 Canyon, course NW. Asc. NE. slope.
 63.00 A spring brs. SW about 1500 chs. dist.
 80.26 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, manzanita, oak brush and scrub oak.
 Jan. 5, 1916.
 T. A. H. and D. J. W.

40.00 D. J. W.
 77.80 Jan. 4, 1916: At 9 hrs. 30 m., a.m., l.m.t., I set off
 34° 47' N. on the lat. arc; 22° 47' S. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 29, 30, 31 and 32.
 Thence I run
 S. 89° 56' W., on a random line, bet. secs. 30 and 31.
 Set temp. 1/4 sec. cor.
 Intersect W. bdy. of Tp. 25 lks. S. of the cor. of secs.
 25, 30, 31 and 36, which is an iron post, established
 by Irving W. Stoddard, U. S. Surveyor, as described in
 Book "A".
 Thence I run
 S. 89° 53' E., on a true line, bet. secs. 30 and 31.
 Over mountainous land, through dense undergrowth.
 Desc. 75 ft. to
 Asc. 135 ft. to
 4.36 Thence along S. slope to
 18.10 Spur, slopes S. Desc. SE. slope, 165 ft. to
 19.70 Gulch, course SW. Asc. 785 ft.
 28.35 Set a granite stone, 18 X 10 X 6 ins., 13 ins. in the ground,
 37.80 for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound
 of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits
 impracticable.
 Jan. 4, 1916: At this cor., I set off 22° 46 1/2' S. on the
 decl. arc; and at apparent noon, I observe the sun on
 the meridian; the resulting lat. is 34° 47' N.
 60.95 Spur, brs. NW. and SE. Desc. NE. slope, 50 ft. to
 67.88 Head of gulch, course N. Asc. along broken N. slope, 65
 ft. to
 77.80 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, rocky; 4th rate.

14. Subdivision of Fractional T. 16 $\frac{1}{2}$ N. R. 15 W.

Chains.	
	<p>No timber. Undergrowth, oak brush, manzanita, scrub oak and cat claw. Jan. 4, 1916.</p>
	<p>Jan. 5, 1916: N.0° 3' W., bet. secs. 29 and 30. Over mountainous land, through dense undergrowth. Desc. 770 ft. to Canyon, course NW. Asc. S. slope, 230 ft.</p>
25.00	
40.00	<p>Set a granite stone, 20 X 18 X 8 ins., 15 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.</p>
	<p>Jan. 5, 1916: At this cor., I set off 22° 40$\frac{1}{2}$' S. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 47$\frac{1}{2}$' N.</p>
43.30	Spur, slopes NW. Desc. N. slope, 105 ft. to
45.50	Gulch, course NW. Asc. SW. slope, 170 ft. to
65.00	Spur, slopes W. Desc. NW. slope, 190 ft. to
69.85	Gulch, course N.65° W. Asc. S. slope, 255 ft. to
78.15	Spur, slopes W. Desc. N. slope, 25 ft. to
80.00	Set a granite stone, 18 X 10 X 10 ins., 13 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked with 5 notches on E. and 2 notches on S. edge; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	<p>Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, manzanita, oak brush and mahogany. Jan. 5, 1916. D. J. W.</p>
	<p>Jan. 6, 1916: D. J. W. and A. S. N.89° 54' E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.</p>
40.00	
80.25	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	<p>Thence I run S.89° 55' W., on a true line, bet. secs. 20 and 29. Over mountainous land, through dense undergrowth.</p>
	<p>Along N. slope to Asc. NE. slope, 205 ft. to</p>
7.50	
18.43	Desc. 80 ft. to
26.32	Asc. 34 ft. to
30.26	Desc. 30 ft. to
32.70	Asc. 40 ft. to
36.80	Main ridge, brs. NW. and SE. Desc. broken W. slope, 525 ft.
38.00	Road, brs. NW. and SE.
40.12 $\frac{1}{2}$	Set a granite stone, 18 X 12 X 8 ins., 14 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
80.25	The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky; 4th rate. No timber. Undergrowth, oak, mahogany and manzanita. A. S. and D. J. W.
	<p>D. J. W. N.89° 53' W., on a random line, bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.</p>
40.00	

Subdivision of Fractional T. 16 1/2 N., R. 15 W.

Chains.

78.12 Intersect W. bdy. of Tp., 24 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by Irving W. Stoddard, U. S. Surveyor, as described in Book "A".
 Thence I run
 N. 89° 57' E., on a true line, bet. secs. 19 and 30.
 Over mountainous land, through dense undergrowth.
 Asc. NW. slope, 785 ft.
 13.77 Asc. SW. slope to
 29.07 Spur, slopes S. 12° W. Desc. SE. slope, 110 ft. to
 35.22 Gulch, course S. 10° W. Asc. SW. slope, 175 ft.
 38.12 Set a granite stone, 12 X 8 X 5 ins., 8 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
 46.74 Spur, slopes S. Desc. E. slope, 500 ft. to
 61.82 Canyon, course SW. Asc. NW. slope, 340 ft. to
 78.12 The cor. of secs. 19, 20, 29 and 30.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, manzanita and oak brush.

D. J. W.

A. S.
 N. 0° 3' W., on a true line, bet. secs. 19 and 20.
 Over mountainous land, through dense undergrowth.
 Desc. 45 ft. to
 5.00 Gulch, course W. Asc. broken W. slope.
 40.00 Point for 1/4 sec. cor. falls on granite rock in place, 3 X 3 X 1 1/2 ft. above ground, on which
 Cut a cross (X) at the corner point, for 1/4 sec. cor., marked 1/4 on W. side of cross; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Continue to asc. SW. slope.
 43.60 Sky Line road, brs. NW. and SE. to Cedar.
 46.47 Ridge, brs. SE. and W. 15 chs.; thence N. Desc. broken NE. slope, 495 ft. to
 65.24 Intersect Fourth Standard Parallel North, 5.90 chs. E. of the standard cor. of secs. 33 and 34, T. 17 N., R. 15 W., an iron post, 3 ins. diam., properly set, marked and witnessed as described by the Surveyor-General.
 At the point of intersection, set a granite stone, 18 X 10 X 12 ins., 15 ins. in the ground, for closing cor. of secs. 19 and 20, marked CC on S.; with 5 grooves on E. and 1 groove on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.
 Land, mountainous.
 Soil, granite rocks; 3rd rate.
 No timber.
 Undergrowth, oak and manzanita.

A. S.
Jan. 6, 1916.

GENERAL DESCRIPTION.

The land in this fractional township is very rough and mountainous. The soil is principally a stony loam, which supports a dense growth of dense undergrowth.
 Cedar Valley Mining District is located in secs. 23, 26 and 35. There are numerous indications of mineral..
 The entire area is utilized for grazing purposes. There are no settlers in the fraction.

For **FINAL OATH OF UNITED STATES SURVEYOR.**
See Book "B" of this Group.

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 _____

Fractional Township 16 1/2 North, Range 15 West, of the _____

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

executed by Albert Smith, Jr., U.S. Surveyor, & Thomas A. Hayden and Deane J. Wolff, U. S. Transitmen, under his special instructions dated December 28, _____, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Surveyor General
of Arizona.

~~I certify that the foregoing transcript of the field notes of the above described surveys in _____~~

~~Book "U" _____, has been correctly copied from the original notes on file in this office.~~