

RETRADUCTION OF THE INDEX OF
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				R.17W.	R.16W.			
	27	26	25	30	29	28	27	
				31	32	33	34	
T.6N.	34	35	36	31	32	33	34	T.6N.
T.5N.	4	3	2	1	6	5	4	T.5N.
				R.17W.	R.16W.			

Retracement of portion of First Standard parallel north through R.16 W.

From the original standard corner of Twp. 6 N., R. 16 and 17 W. and corner of Section 1 and 2, T. 5 N., R. 17 W., which is an old wood stake 3' long, 4" square marked 3 1 R 16 W on 1 face and S 2 R 17 W on next face, S 2 R 17 W on adj. face and S 36 T 6 N on remaining face and set in a mound of stone adj. to a rock 30 x 8 x 6" marked with 6 notches on E, S, and W sides, set in 1915 by Wm. H. Friedhoff per H.E. 167, in place of which original corner, alongside I set iron post 3' long, 3" diameter 27" in ground for standard corner of T.6. N., R. 16 and 17 W. and corner section 1 and 2, T. 5 N., R. 17 W. with brass cap marked

	S C	
	T 6 N	
R 17 W		R 16 W
S 36		S 31
S 2		S 1
T 5 N		R 17 W
	19 22	

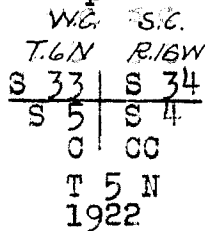
raised a mound of stone 3' base, 2' high north of corner. Thence E. on a random line on south boundary Section 31.

- 38.07 Falls 5 lks. S. of original 1/4 section corner of Sec. 31.
Thence E. on random line from 1/4 Sec. corner
- 40.00 No trace of standard corner 31 and 32 and closing corner T.5 N., R. 16 and 17 W. Set temporary corner.
- 80.00 No trace of standard 1/4 section corner Section 32. Set temporary corner.
- 119.40 No trace of closing corner Section 5 and Section 6, T.5.N., R.16 W.
- 120.00 No trace of standard corner Section 32 and Section 33, T.6 N., R. 16 W. Set temporary corner.
- 160.00 No trace of standard 1/4 section corner Section 33. Set temporary corner.

Retracement of portion of First Standard parallel north through R.16 W.

199.41 Falls 31 lks. north of old mound of stone 4' base, 2' high. This without doubt is witness corner to old standard corner 33 and 34 and to closing corner Section 4 and 5, T.5.N.,R. 16 W.

At the central point occupied by mound I set iron post 3' long 2" diameter 27" in ground for witness corner to standard corner of section 33 and 34 and witness corner to closing corner Sec. 4 and 5 with brass cap



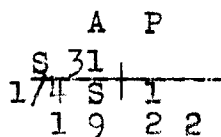
raised mound of stone 3' base, 2' high north of corner.

From corner T.6 N.,R.16 and 17 W., and corner Sections 1 and 2 T. 5 N.,R. 17 W. herein before described.

N.89°56' E. on true line along S. bdy of Sec. 31

Ascend W. slope 324 feet

- 5.63 Wire fence extends north and south Enter open field
- 9.50 Frame shack 16 x 10 bears S. 2 chs. distant
- 18.90 Leave field
- 22.40 Ridge bears N.E. and S.W.
- 25.00 Wash. Course S.E.
- 29.20 Wire fence, 2 strand, N. 30 E. S. 30 W.
- 31.00 Ridge bears N.E. and S.W. Descend East slope 185 feet.
- 38.07 Original standard 1/4 Sec. corner for Section 31 which is a wooden stake 3' long, 3" square marked 1/4 S and set in a mound of stone. This corner now becomes an angle point for Section 31 and 1/4 Sec. corner for Section 1, T.5 N.,R. 17 W.
I destroy original corner and in place put iron post 3' long, 1" diameter 20" in ground to bed rock support in a mound of stone for angle point in S. bdy of Sec. 31 and 1/4 Sec. corner for Section 1 with brass cap marked



Retracement of portion of First Standard parallel north through R.16 W.

raised a mound of stone, 2' base, 1 1/2' high north of corner.
 Thence south 89°55' east on true line on S. Bdy. of Sec. 31
 Continuing measurements

39.56 A point 40 chs. in departure from S.E. corner of Section 31,
 set iron post 3' long, 1" diameter, 27" in ground for standard
 1/4 section corner for Section 31 with brass cap marked

	S	C
1/4	S	3 1
	1	9 2 2

46.10 and raised a mound of stone 3' base, 2' high W. of corner
 chs. Forestry trail bears N. and S.W.

49.50 Stream 15 lks. wide, 10" deep. Course S.
 Ascend N.W. slope 273 feet

65.00 East fork of same stream 10 lks. wide, 4" deep
 Course N. 85° W.

69.75 Same stream. Course S.W.

79.56 A point determined by single prop between original 1/4 Sec.
 corner for Sec. 31 and original witness corner for Sections
 33 and 34. (1.49 chs. E. and 6 lks. S. of temporary corner)
 At which point I set iron post 3' long, 3" diameter, 27" in
 ground for standard corner Sections 31 and 32, T. 6 N., R.16 W.
 and closing corner T. 5 N., R. 16 and 17 W. with brass cap
 marked

	S	C
T 6 N	R	16 W
S 31	S	32
S 1	S	6
	C	C
R 17 W	R	16 W
	T 5 N	
	1922	

raised mound of stone 3' base, 2' high, north of corner.

Land, rolling, mountainous.

Soil, rocky

Timber, sycamore and cottonwood

Undergrowth, dogwood, manzanita, clover.

Retracement of portion of First Standard parallel north through R.16W.

Retracing E. boundary T.6 N., R.17 W.

From the corner of T.6 N., R.16 and 17 W. and corners 1 and 2, T.5 N., R. 17 W.

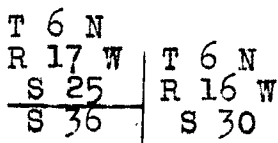
North on random line between Secs. 31 and 36

39.63 Falls 1 lk. west of original section corner

Thence from corner north on random line

40.95 Falls 3 lks. E. of the corner of Sections $\frac{25, 30, 31, 36}{31, 36}$

Set in December, 1915 by Wm.H. Friedhoff - Mineral Examiner, Forest Service, in connection with survey of H.E. S167 which is a sand stone 18x8x6" firmly set, rising 6" above ground and marked 5 grooves on north, 1 groove on S. face, as this corner becomes common to Secs. 25 and 36, R. 17 W. only, in place of which corner I set iron post 3' long, 2" diameter, 27" in ground for corner to Secs. 25 and 36 only, with brass cap marked



19 22

raised a mound of stone 3' base, 2' high, W. of corner.

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From the corner of T.6 N., R. 16 and 17 W. and the corner of Secs. 1 and 2, T. 5 N., R. 17 W. hereinbefore described N. 0°01' E. on true line between Secs. 31 and 36.

Over broken land, through scattered undergrowth

Descend 86 feet

2.50 Gulch, course W. Ascend 121 feet.

6.00 Spur slopes W. Descend 252 feet

12.86 Wire fence bears E. and W. and N.

Along E. side of fencing

12.89 Corner No. 13 H E S - 167 which is a sand stone 6x6x6 ins. above ground marked 13 H E S - 167 on N.E. face and with a mound of stone 3 ft. base, 2 ft. high, N.E. of corner.

Retracement of portion of First Standard parallel north through R.16 W.

14.59 Corner No.12 H E S-167 which is a sand stone 6x8x6 ins. above ground marked 12-H E S 167 on E.face, with pits S. and N.E. and a mound of stone 3 ft. base, 2 ft. high E. of corner.

15.00 Gulch Course S.W.

15.15 Cor. #2 H E S #167 which is a sand stone 6 x 10 x 5 ins. above ground firmly set, marked 2 - H E S 167 on N.E. face, with pits N. and N.E. and mound of stone 3 ft. base, 2 ft. high, N.E. of corner.

30.40 Fence bears E. and W.

36.00 Gulch Course S.W.

39.63 Intersect 1/4 Sec. corner of Secs. 31 and 36 which is a sand stone 16x10x8 ins. firmly set in the center of old mound of stone and marked 1/4 on W. face, 1- H E S-167 on the E. face. This corner was set in December 1915 by Wm. Friedhoff in connection with the survey of H E S 167.

As this corner now refers to Sections 36 only T 6 N., R. 17 W., in place of the stone which I deposit alongside.

I set an iron post 3' long, 1" diameter, 27" in the ground for 1/4 Sec. corner for Section 36 only and Cor.#1 of H E S No.167 with brass cap marked

1/4 H E S
S 36 167

19 22

raised a mound of stone 3' base, 2' high, west of corner.

Thence from corner

N.0°03' W. on a true line between Secs. 31 and 36 (N.1/2)

7.00 Enter open field

14.50 Leave open field

20.18 Intersect cor. No.11 H E S 167 which is a stone 6 x 10 x 6 ins. above ground firmly set, marked 11 H E S 167 on the S.E.faces and C.C. on the west face witnessed by a mound of stone S.E.

30.20 Gulch. Course S.W.

Stream 15 lks. wide, 8 ins. deep.

Ascend slope 253 feet.

Retracement of portion of First Standard parallel north through R. 16 W.

40.95 The corner of Secs. 25 and 36, T. 6 N., R. 17 W. hereinbefore described.

Land rolling

Soil granite loam, 1st and 2nd rate.

Timber, cottonwood and oak

Undergrowth, chemisal, page, oak and grasses.

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From the standard corner of Secs. 31 and 32, T. 6 N., R. 16 W. and the closing corner of T. 5 N., R. 16 and 17 W. hereinbefore described.

North on true line between Secs. 31 and 32.

Over mountainous land, through scattered timber and undergrowth. Descend N.E. slope, 29 feet.

2.50 Gulch. Course west, cont. small flow of water.

Ascend S. slope 146 feet.

10.00 Spur, slopes N.W. trail along top of same, Descend 36 feet.

19.10 Gulch, Course S.W. small flow of water

Ascend S.E. slope, 271 feet.

25.10 Spur, slopes S.W. Descend N.W. slope 34 feet.

34.80 Gulch, Course W. Ascend S.W. slope 77 feet.

38.00 Spur, slopes S.W. Descend 75 feet.

40.00 Set a iron post 3' long, 1" diameter, 27" in the ground for 1/4 Sec. corner for Sec. 31 only, with brass cap marked

1/4

S 31

19 22

raised a mound of stone 3 ft. base, 2 ft. high W. of corner.

41.65 Gulch. Course W. Ascend S.W. slope 294 feet.

44.50 Spur, slope S.W.

46.90 Gulch, Course S.W.

52.70 Spur, slopes S.W. Descend N.W. slope 412 feet.

68.40 Gulch, Course W. Ascend S.W. slope 71 feet.

Retracement of portion of First Standard parallel north through R.16 W.

- 70.00 Spur, slopes W. Descend N.W. slope 113 feet
 75.40 Canyon. Course S.W. Stream 10 lks. wide, 6" deep.
 Ascend S.E. slope 65 feet
 80.00 Set an iron post 3 ft. long, 2" diameter, 27" in the ground for
 the N.E. corner of Sec. 31 only, with brass cap marked

S 31	
T 6 N	
R 16 W	
	19 22

raised a mound of stone 2 ft. base, 1 1/2 ft. high, W. of corner.
 Land broken and rolling mountains
 Soil rocky and gravelly, granite formation, 2nd rate

- West on random line on N. bdy of Sec. 31
 40.00 Set temporary 1/4 section corner
 79.52 Fall 76 lks. S. 0°03' E. of the corner of Secs. 25 and 36,
 T. 6 N., R. 17 W. hereinbefore described
 Set an iron post 3' long, 2" diameter, 27" in ground for the
 closing corner of Secs. 30 and 31 with brass cap marked

T 6 N	T 6 N
R 17 W	R 16 W
S 36	S 30 C
	S 31 C
	19 22

raised a mound of stone 3 ft. base, 2 ft. high, E. of corner.
 At a point 23 lks. N. 0°03' W. of the 1/4 section corner of
 Sec. 36, T. 6 N., R. 17 W., hereinbefore described, at the central
 point of the W. bdy. of Sec. 31 (39.91 chs. in lat. from the
 corner of Secs. 30 and 31) set an iron post 3 ft. long, 1 inch
 diameter, 27 inches in the ground, for 1/4 section corner for
 Sec. 31 only, with brass cap marked

1/4
S 31
19 22

raised a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of corner.

Retracement of portion of First Standard parallel north through R.16 W.

From the closing corner of Secs. 30 and 31

East on true line on the N. bdy. of Secs. 31 over broken and mountainous land, through scattered timber and undergrowth.

Descend broken slope 72 feet.

21.50 Canyon, creek 10 lks. wide, 4" deep. Course S.W.

Ascend N.W. slope 554 feet

34.60 Spur, slopes S. 75° W.

39.52 Set an iron post 3 ft. long, 1 inch diameter, 27" in the ground for 1/4 Sec. corner for Sec. 31 only, with brass cap marked

1/4 S 31
19 32

raised a mound of stone 2 ft. base, 1 1/2 ft. high, S. of corner

Ascend broken S.W. slope 235 feet

55.30 Ridge bears N.E. and S.W. Descend broken S.E. slope 509 feet.

56.42 Forest trail bears N.E. and S.W.

79.52 The N.E. corner of Sec. 31

Land, broken mountains

Soil rocky, 3rd rate

Timber, cottonwood, sycamore and oak

Undergrowth, chemisal, sage and grasses.

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April 20, 1922 at 8h 00m, A.M. l.m.t. with a reading of

34°32 1/2' N. on the lat. arc. 11°25' N. on the decl. arc.

I determine a meridian with the solar apparatus, compared the results with the true meridian previously determined by observation upon Polaris hereinbefore described. The determination agrees with the true meridian.

At the apparent noon with a setting of 11°28' north on the decl. arc. I observe the sun upon the meridian. The resulting lat. is 34°32 1/2' N. At 3h 00m P.M. l.m.t. with lat. arc. unchanged, and a reading of 11°30 1/2' N. on the decl. arc. the solar attach. defines a meridian that lies 0°01' E. of the true meridian.

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Roger F. Wilson
April 20, 1922.

Retracement of portion of First Standard parallel north through R.16 W.

A P P R O V A L

San Francisco, Nov. 2, 1922.

The foregoing field notes of a resurvey of portion of the First Standard parallel north through R. 16 W. retracement of a portion of the E. bdy. of T. 6 N., R. 17 W., and a survey of a portion of the subdivision of T. 6 N., R. 16 W. of S.B.M. in State of California executed by Roger F. Wilson, transitman under inst. dated Nov. 17, 1921 having been critically examined and the necessary corrections and explanations made the said field notes and the surveys, resurveys and retracements, they describe are hereby approved.

John Plover,
U. S. Surveyor General.
