

PLAT AND RECORD OF SURVEY No. 479

Request of Jno. Hill Apr. 29th 1890.

To reset cor. to Secs 29, 30, 31st and 32 S. 47ⁿ. R. 36 E.

Course. Degree Minutes. Chains. Links.

Jno. H. Hill and A. E. Rest, sworn chmn., and W. R. Job, flagman.
 Commence at cor. to sec 31st and 32 on S. boundary of S. 47ⁿ. R. 36 E., which I find on slope
 N.E. face of hill, in good state of preservation, as described in original notes, and
 run on random line bet. sec 31st and 32, using a Burt's improved solar com-
 pass, $\text{ra } 20^{\circ} 30' \text{ E.}$ Descend steep hill along N.E. face.

North

- 169 Ravine, course N.W. Ascend gently
 1000 Summit of ridge, falls N.W.
 1124 Water's edge on S. side of pine creek, course W.
 1150 " " " " " " " " " " " "
 1200 Ascend hill.
 1320 Set temp. $\frac{1}{4}$ sec. cor.
 2640 " " $\frac{1}{4}$ " " "
 3600 Summit. Tuesd. Apr. 29th 1890.
 Jo. Wurzer, flagman, vice W. R. Job.
 3650 Descend gently
 4665 Mud Spring on rand. line.
 4830 Water channel in main canon, ascend.
 4978 Probable sec. line.
 5280 Set temp. cor. to sec. 29, 30, 31st and 32
 6880 Summit of ridge falls W. 67ⁿ
 7043 Fence brs. E.th and W.
 7096 Center of gulch, ascend
 7330 Summit - Descend after a few feet
 7438 Int. E.th and W. line 79 ft. E. of $\frac{1}{4}$ sec. cor. bet. sec 29th and 30.

From $\frac{1}{4}$ Sec. cor. bet. sec 29th and 32, which is the original post, in stone $\text{md. } 27^{\text{th}}$
 S.E. face of hill, and run on rand. line bet. sec 29th and 32.

700' Summit - Descend.

2000 Center of canon, course S.

2200 Int. random N.th and S. line 220 ft. S. of temp. sec. cor.

5365 To $\frac{1}{4}$ sec. cor. bet. sec 30th and 31. (This dist. given by U. S. Dept. of
 is 5266.14 ft. or 79.79 chs. 5365 : 5266.14 :: X : 2626.14 (2675.43 - X)

Chains Links

$74.35' \times \frac{2}{3} = 49.55\frac{2}{3}' =$ line bet. secs. 31st & 32; 5280' - 4955²/₃' = 3215'; $79 \times \frac{2}{3} = 52\frac{2}{3}'$.

I move temp. cor. to a point verifying these distances, as proportioned, and set a basalt stone 17x12x7 ins. 14 ins. in ground, for cor. to secs. 29, 30, 31st & 32. mkd. 5 notches on E. and 1 notch on S. This cor. is 83 ft. west of N.W. S. fence, and 52 ft. N. of E. & W. fences in S.E. cor. Mr. Hill's field. - Wednesday Apr. 30/90.
Jno. C. Arnold, County Surveyor.

Request of Tho^s. Copeland, et al, May 22^d 1890.

Tho^s. Copeland and Alfred Spier sworn chmns.

Commence at 38th mile post on line bet. Oregon and Washington and run on rand. N. bdy. of Oregon. Ascend hill. va. 21° 30' E.

- 4 90 Fence brs. N. & S.
- 5 50 Summit.
- 16 80 Set temp. closing cor. to fractl. sec. 15th & 16. S. 67th N. R. 37 E.
Thence run on rand. line bet. secs 15th & 16 va. 21° 30' E.
- 12 13 Set temp. $\frac{1}{2}$ sec. corner —. No traces of original cor.
- 52 13 " " cor. to secs. 15, 16, 21st & 22 " " " "
- 92 13 " " $\frac{1}{4}$ sec. cor. " " " "
- 128 70 The cor. to secs 21, 22, 27th & 28, which is the original balw post in stone md. on steep N. hill sides in upper edge of patch buck bush, 30 lks. W. of sag. course N. A small lone white fir 2 ins. dia. brs. N. 44° 30' E 70 lks. dist.

Line bet. mile posts no. 37th & no. 38 on line bet. Oregon and Washington, and find temp. closing cor. to secs. 15th & 16 to be on true line. I therefor set a basalt stone 15x9x8 ins. mkd. ^{C.S.O} 15 on S.E. and ^{C.C} 16 on S.W.

To set cor. to secs 15, 16, 21st & 22

132.13 : 128.70 :: 52.13 : 50.78 . . . I move temp. sec. cor. N. 135 links, Having measured the line bet. secs 15 & 22nd and the line bet. secs. 22nd & 27. I find the temp. sec. cor., as corrected to be in the proper place, and therefor set a basalt stone 24x14x10 ins. mkd. 3 notches on S. & E. corners. on S. side of ravine course S.W. 25 lks. dist

Jno. C. Arnold, Co. Surveyor.