

Chains

August 25, 1915:

S.89°49'W. on a true line between secs. 30 and 31. Over bottom of canyon, through willows and grass to base of ridge.

- 9.75 Steep ascent of rocky ridge, through scrubby sagebrush and a little grass.
- 29.70 Top of rocky ridge, 745 ft. above section corner, bears S.35°E. and N.35°W.
- 32.65 Enter scattering balsam and dense chaparral.
- 32.65 Series of vertical cliffs, 20 to 50 ft. high, extending E. and W., just to N. of line.
- 40.00 Set a trap stone 21x9x8 ins., 16 ins. in the ground, 275 ft. below ridge, for the $\frac{1}{4}$ 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.
- 44.90 Bottom of canyon, 55 ft. below $\frac{1}{4}$ sec. cor., course SE. Dense willows in bottom of canyon. Small spring, flowing small stream SE.
- 52.00 Rocky spur, 90 ft. above canyon, bears SE. At this point I set off 10°57'N. on the decl. arc, and observe the sun on the meridian at apparent noon, the resulting latitude is 40°54'N.
- 57.00 Small draw, 40 ft. below spur, course SE. Small spring 2 chs. down the draw. Flowing small stream of water SE.
- 61.90 Rocky ridge, 40 ft. above draw, bears SE.
- 63.20 Small springs $2\frac{1}{2}$ and 3 chs. S. of line; nearly dry.
- 66.85 Small draw, 40 ft. below ridge, course S.40°E.
- 82.56 Ascend steep E. slope.
- Intersect W. Bdy. of Tp., 2.47 chs. S.0°22'W. of the cor. of secs. 25 and 36, T.35 N., R. 60 E., 350 ft. above draw.

At point of intersection, set a granite stone 20x5x5 ins. 15 ins. in the ground for the closing corner of secs. 30 and 31, marked CC on E. face and 1 notch on S. and 5 notches on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Land mountainous.

Very rocky. Many solid outcrops, cliffs and slide rock. Granite and quartzite. A little sandy loam soil on and among rocks, from a few inches to several feet deep. Not much timber. A few scattering fir trees. A few quite large trees. Undergrowth, sage, chaparral, willows and choke cherry. Good growth of grass.

N.0°11'W. between secs. 29 and 30.

Ascend along bottom of Pole Canyon, through dense willows and small aspens.

- 6.15 Pole creek, 5 lks. wide, 3 ins. deep, course S.30°E.
- 14.10 Same creek, course S.30°W.
- 34.60 Same creek, 2 lks. wide, 3 ins. deep, course S.30°E.
- 40.00 Leave aspen and willows; ascend through chaparral.
- Set a trap stone 24x14x11 ins., 18 ins. in the ground, for the $\frac{1}{4}$ 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.
- Corner is set 410 ft. above section corner.
- 49.40 Head of creek, 6 chs. W. Continue ascent over very rocky slope with very little undergrowth. Good growth of grass.
- 80.00 Set a granite stone 18x7x5 ins., 12 ins. in the ground, 665 ft. above $\frac{1}{4}$ sec. cor., marked with 2 notches on the S. and 5 notches on the E. edge, for the cor. of secs. 19, 20, 29 and 30, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- Corner is in patch of very dense willows.
- Land mountainous. Line near bottom of canyon throughout mile.
- Rich, moist black loam, from a few inches to several feet