

## Chains

- 71.00 Enter slide rock. No vegetation. High, rocky peak bears N. about 5 chs. dist.
- 73.00 Top of main ridge of East Humboldt Range of Mountains, 800 ft. above offset point, bears N.10°W. and S.10°E. Descend through gap in cliffs.
- 80.10 Intersect N. and S. line, 535 ft. below ridge, 8.49 chs. S.0°06'E. of the W.C., and 9.59 chs. S.0°06'E. of the true cor. of secs. 4, 5, 8 and 9.  
Land, very rough and mountainous.  
On true line, practically no soil on E. half of mile. Nearly all solid granite and sandstone cliffs. W. half has more soil, but it is very rocky with many solid outcrops of granite. A little soil of moist, sandy loam and gravel. Offset line west of slide rock near top of ridge is same as west half of mile. Vegetation is sagebrush and grass. A few aspens west of ridge at 25.65 chs.  
No vegetation on East half on true line.

July 27, 1915.

July 31, 1915:

- Cloudy and cold. Run backsight line.  
N.0°06'W. on a true line between secs. 4 and 5.  
Over cliffs and slide rock, through scattering stunted balsam timber.
- 10.80 Head of canyon, 110 ft. below sec. cor., course E.
- 19.90 Rocky ridge, 80 ft. above canyon, projects N.80°E.  
Center of small lake, about 8x5 chs., bears N.51°E.  
Outlet of lake bears same.
- 33.65 Head of draw that leads to above lake, course N.80°E.
- 40.00 Set a granite stone 20x8x8 ins., 15 ins. in the ground for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Cliffs 200 ft. high, bear west 10 chs. dist. Top of cliffs is top of main ridge.  
Center of lake bears N.71°30'E.  
Outlet bears N.70°30'E.
- 45.85 Top of solid rock ridge, bears N.80°E. and S.80°W.  
Ridge is surmounted by cliffs, ranging from 50 to 200 ft. high. Ridge is 165 ft. above head of draw.  
Descend over cliffs 200 ft. high, thence over slide rock.
- 68.05 Head of Trout Creek, 700 ft. below ridge. Very rocky, but no water here at this season of the year, course N.30°E.
- 76.50 Cliffs 100 ft. high, extending 5 ft. E. and 300 ft. W. of line.  
Thence descend to N. Bdy.
- 92.57 Intersect N. Bdy. of Tp., 13.89 chs. S.89°42'W. from the cor. of secs. 32 and 33, 132 ft. below head of Trout creek.  
At point of intersection, set a granite stone 26x8x5 ins., on solid rock and in a mound of stone for the Closing Corner of secs. 4 and 5, mkd. CC on S., 4 notches on E. and 2 notches on W. face, and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
Land, very rough and mountainous.  
Very little soil. Nearly all solid cliffs and slide rock. Granite. Very little vegetation. A few scrub balsam.

July 31, 1915.

June 26, 1915:

At 9 h 0 m, a.m., l.m.t., at the Std. Cor. of secs. 33 and 34, I set off 40°58'N. on the lat. arc; 23°24'N. on the decl. arc, and determine a meridian with the solar. Thence N.0°06'W. between secs. 33 and 34.