Chains	
	S.89°49'W. on a true line between secs. 7 and 18.
	Descend along S. slope of ridge, over slide rock.
40.00	Set a dacite stone 26x8x5 ins., in a mound of stone, 740 ft. below sec. cor. for the ¼ sec. cor., marked ¼ on N. face, and raise a mound of stone 2 ft. base, 1½ ft. high, N. of cor.
82.06	Intersect the W. Bdy. of Tp., S.0°06'E., 4.39 chs. from the cor. of secs. 12 and 13, 855 ft. below ¼ sec. cor.
	At point of intersection, set a dacite stone 21x12 x7 ins., 16 ins. in the ground for the closing corner of secs. 7 and 18, marked CC on E., 4 notches on S., and 2 notches on N. face, and raise a mound of stone 2 ft. base, 1½ ft. high, E. of cor.
	Land mountainous.
	Scarcely any soil. All slide rock. Granite, dacite and quartzite. Very little vegetation.
	At this corner I set off 6°17'N. on the decl. arc, and observe the sun on the meridian at apparent noon, the resulting latitude is 40°56'N.

	Sept. 9, 1915.
	At the cor. of secs. 7, 8, 17 and 18, at 8 h 0 m,a.m., l.m.t., I set off 5°36'N. on the decl. arc; 40°56'N. on the lat. arc, and determine a meridian with the solar.
	Thence N.0°11'W. between secs. 7 and 8.
	Over rough, mountainous land, over solid rock.
1.75	Top of East Humboldt Range, bears N.10°W. and S.10°E. 55 ft. above section corner. From same point, a spur ridge bears N.60°W.
	Descend over cliffs and slide rock.
40.00	Set a trap stone 16x8x4 ins., in a mound of stone, on a flat ledge of rock on edge of vertical cliff, 890 ft. below ridge, for ¼ sec. cor., marked ¼ on W. face, and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Cliff bears SE. and NW.
43.00	Head of canyon, course N.80°E., 40 ft. below ¼ sec. cor. A small pond bears W. 2 chs. dist.
	Ascend steep S. slope, over slide rock.
52.55	Top of main ridge of East Humboldt Range, 625 ft. above canyon, bears N.10°E. and S.10°W. Vertical cliffs from 20 to 400 ft. high, along E. and S. edge of ridge.
	Continue ascent over rocky SW. slope of ridge.
80.00	Set a trap stone 30x9x4 ins., 6 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 5, 6, 7 and 8, marked with 5 notches on the S. and E. edges, and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Corner is set 105 ft. above top of ridge.
	Land, rough and mountainous.
	A little loam soil in head of canyon at 43.00 chs.
	Also a little soil N. of ridge, but very rocky. Almost all solid rock and slide rock. Many cliffs. A few willows.

	N.89°49'E. on a random line between secs. 5 and 8.
1.78	Edge of cliffs, bears N. and S., 500 ft. high. Descend over same. Impossible to measure over cliffs. I there- fore set a flag on line and go to a point on line below cliffs, where I can chain a base line. From this point I run S.0°11'E. 19 chs. From this point, flag on top of cliffs bears N.63°54'W. This makes a right angled triangle with base angle of 63°43'.
	19 chs. times tan. 63°43' equals 38.47 chs. There- fore
40.25	Flag on line from which base line was run. Leave