

Resurvey of a Portion of the California-Nevada State Boundary.

chains	18x18x12 ins., NW. and SE. of cor., 3 ft. dist.
	Land, nearly level, drains SW. Soil, sandy claylike loam, 2d rate. Undergrowth, sage and creosote.
	S.46°34'E., on tangent and true line.
Death on line	Over nearly level desert land, thru light undergrowth.
19.08	Monument 102 on the California-Nevada State Boundary, a pine post 4 ins. sq., 4 ft. above ground, firmly set in the ground and a mound of earth, marked with tacks; 102 on NW., N on NE. and C. on SW. side; and witnessed by a circular trench 12 ft. diam., around post.
	Land, nearly level, drains SW. Soil, sandy light clayloam, 2d rate. Undergrowth, sage and creosote.
	The record geographic position of Monument 102 is: Latitude 36°23'25"N; longitude 116°24'06"W.
	April 20; At this point, in order to verify the alignment of the State Boundary, I make an hour angle observation of Polaris west of the meridian, making six readings, three each with the telescope in direct and reversed positions, accumulating the horizontal angle, measured by the method of repetitions, counting from the back sight flag at Monument 101, 4½ miles NW. of station.
	Mean watch time of observation, p.m. 6h 18m 0s Watch slow of l.m.t. 14m 24s Horizontal angle, six repetitions 271° 42' 0" Reduced angle 45° 17' 00" Azimuth of Polaris, west 1° 16' 12"
	True bearing of flag at Monument 101 N.46°33'12" W.
	S.46°33'E., on tangent and true line.
	Over nearly level land, thru light undergrowth.
40.00	Set an iron post 3 ft. long 1 in. diam., 27 ins. in the ground, for ½ mile cor., with brass cap mkd.
	102 CAL NEV 1933 dig pits.
	18x18x12 ins., NW. and SE. of cor., 3 ft. dist.
	An old, unused road, bears S.43°W. and N.43°E.
44.80	
80.00	Set an iron post 3 ft. long 3 ins. diam., 27 ins. in the ground, with a rock, 7x4x3 ins., mkd. X, deposited at the base, for 1 mile cor., with brass cap mkd.
	102 CAL NEV 1933
	Land, nearly level desert, drains SW. Soil, loose claylike loam, with pebbly surface, 2d rate. Undergrowth, sage and creosote.