

490 10.

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

chains

S.46°16'E., on tangent and true line.
Over nearly level land, SW. slope, thru low undergrowth.

13.31 Monument 114 on California-Nevada State Boundary; a rotted stump of post in ground, with a granite stone, 12x10x7 ins., marked with drill hole in top, against SE. side of post; top portion of post, a redwood 4 ins. sq.; 2 ft. long, lying on ground and marked with tacks: C on one side, N on opposite side and 114 on one side. At exact point for cor.

Set an iron post 3 ft. long 3 ins. diam., 28 ins. in the ground, with the granite stone deposited at base of post, for Monument 114 on California-Nevada State Boundary, with brass cap mkd.

NEV
CAL
Mon-O-114

and raise a mound of stone 3 ft. base and 2 ft. high NW. of cor.

Record latitude: 35°58'54"N.; longitude: 115°52'20"W.

Land, nearly level valley along W. base of rolling bench, to east of line.

Soil, loose sand and gravel, 2d rate.

Undergrowth, creosote, shadscale and greasewood.

Apr. 9: At this point, in order to verify the alinement of the State Boundary, I make an hour angle observation of Polaris west of the meridian, making four readings, two 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 113, 2 1/4 miles NW. of station.

Mean watch time of Observation, p.m.	6h18m 50s
Watch slow of L.M.T.	16m 51s
Horizontal angle, 4 repetitions	179°49'
Reduced angle	44°57.3'
Azimuth of Polaris	1°18'

True bearing of flag at Mon.113 N.46°15.3'W.

S.46°15'E., on tangent and true line.

Over nearly level land, drains SW., thru medium dense undergrowth.

15.40 Main traveled road; bears N. to Pahrump and S. to Sandy.

40.00 Set an iron post 3 ft. long 1 in. diam., 27 ins. in the ground, for 1/2 mile cor., with brass cap mkd.

114
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1/2 M
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raise a mound of stone 2 ft. base and 1 1/2 ft. high NW. of cor.

80.00 Set an iron post 3 ft. long 3 ins. diam., 27 ins. in the ground, for 1 mile cor., with brass cap mkd.