

## INDEPENDENT RESURVEY, 4TH STAN. PAR. S., THROUGH R. 63 E.

Chains	
	<p>lks. to the south of a flag set on the secant, 40.00 chs. to the east, and establish a backsight flag. To verify the angle at the station on the secant at the standard Tp. cor., subtended by the two flags; I make 4 repetitions of the angle and find that the multiple angle reads <math>0^{\circ} 15'</math>.</p>
	<p>West, with the independent resurvey of the 4th Standard Parallel South, along the S. bdy. of sec. 36, T. 16 S., R. 63 E., on a transit line describing the secant, which starts from a point 4 lks. S. of the Tp. cor., and bears N. <math>89^{\circ} 58.1' W.</math></p>
	<p>Over nearly level desert land, through scattering undergrowth, along a gentle S. slope.</p>
	<p>Diff. bet. meas. of 40.00 chs., by two sets of chainmen, is nothing.</p>
40.00	<p>N. 2 lks. from the secant,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a pint of charcoal deposited at the base, for standard <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p>
	<p style="text-align: center;">SC <math>\frac{1}{4}</math> S 36 1938</p>
	<p>No other suitable corner accessory available.</p>
57.00	<p>Wash, 50 lks. wide, 1 ft. deep, course S. <math>10^{\circ} W.</math>; asc. a gentle SE. slope.</p>
63.98	<p>The closing cor. of Tps. 17 S., Rs. 63 and 64 E., subsequently established on the standard parallel at this distance.</p>
76.50	<p>Wash, 40 lks. wide, 5 ft. deep, course SE.</p> <p>Diff. bet. meas. of 80.00 chs., by two sets of chainmen, is nothing.</p>
80.00	<p>On the secant,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, with a limestone, <math>10 \times 4 \times 3</math> ins., mkd. X, deposited at the base, and in a mound of stone to top, for standard cor. of secs. 35 and 36, with brass cap mkd.</p>
	<p style="text-align: center;">SC T16S R63E <u>S35   S36</u> 1938</p>
	<p>Land, nearly level and slightly rolling desert; general drainage and exposure S. Soil, sandy loam; 3rd rate. Timber, none. Undergrowth, creosote brush, chaparral, mountain rush. Grazing, poor.</p>
	<p>April 3, 1938: At this point, approximate latitude <math>36^{\circ} 29\frac{1}{2}' N.</math>, and approximate longitude <math>114^{\circ} 53' W.</math>, in order to verify the alignment of the secant, at 6h 30m p.m. by my watch, which reads correct 120th meridian</p>