

## 2. Resurvey 4th Standard Parallel North, Range 49 E.

Chains

July 9, 1915.

Starting at the old Standard Corner of Tp. 21 N., Rgs. 49 and 50 E., which is a wooden post, 4 ins. by 4 ins. by 3 ft., in mound of earth, marked as described by the Surveyor General, I remonument the corner by setting an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for the standard corner of Township 21 N., Rgs. 49 and 50 E., with brass cap mkd.,

T21N	
R49E	R50E
S36	S31
S	C
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1915	

by the side of the old corner post.

Dig pits 30x24x12ins., crosswise on each line, E. and W., 4 ft. and N. of post, 8 ft. dist., and raise a mound of earth, 5 ft. base, 2½ ft. high N. of corner.

July 9, 1915: At 8h. 00m. a.m., apparent time, I set off 22° 28' N. on the decl. arc; 39° 39½' N. on the lat. arc and determine a meridian with the solar at the Standard Cor. of Tps. 21 N., Rgs. 49 and 50 E.

Whence Standard ¼ cor. of sec. 31, T. 21 N., R. 50 E., which is a post 2x2x16 ins. above ground marked ¼ S. witnessed with pits and mound of earth bears S. 89° 56' E. From the above standard Tp. corner I run on S. Bdy. sec. 36, W. on a retracement and resurvey of the Fourth Standard Parallel North as follows:

Along sage brush flat.

12.00 Dry creek bed, drains S. 80° E.

40.00 No trace of old ¼ sec. cor.

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., with brass cap mkd.,

S 36½	
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1915	

Dig pits, 18x18x12ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of corner.

70.10 Small ridge bears S. 45° W. and N. 45° E.

80.00 No trace of old Sec. cor.

Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 35 and 36, T. 21 N., R. 49 E., with brass cap mkd.,

T21N	
R49E	R50E
S	C
S35	S36
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1915	

Dig pits, 24x18x12ins., crosswise on each line, E. and W., 3 ft. and N. of post, 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of corner.

Land, rolling.

Soil, loose sandy loam with quantities of small pebbles. Undergrowth, heavy sage, some bunch grass.

12h. 00m. noon, Sun obscured by clouds, no observation for latitude possible.

W. on S. Bdy. sec. 35.

Along sagebrush flat.

6.50 Small ridge, bears N. and S.

40.00 No trace of old ¼ sec. cor.

Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., with brass cap mkd.,

S 35½	
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1915	