

Chains

37.24

Over rolling sage brush plain crossing small sand ridges. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap mkd.,

S 6 $\frac{1}{2}$   
S 7  
1915

77.24

Dig pits, 18x18x12ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of corner.  
Over small ridges and sand spurs.  
The cor. of secs. 5, 6, 7 and 8.  
Land, undulating.  
Soil, loam, very sandy, quantities of pebbles.  
Undergrowth, sage brush and greasewood.

12.17

At 12h 00m., noon, apparent time, I set off 20° 35'N. on the decl. arc and observe the sun on the meridian for latitude at the cor. of secs. 5, 6, 7 and 8. The resulting latitude is 39° 38 $\frac{1}{2}$ 'N.  
N. 0° 03'W. bet. secs. 5 and 6.  
Over sage brush plain.  
Intersect the Fourth Standard Parallel North, 23.58 chs. E. of the standard cor. bet. secs. 31 and 32.  
Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing corner of secs. 5 and 6., with brass cap mkd.,

T21N R49E  
S31 S32  
COC  
S6 S5  
1915

dig pits, 24x18x12ins., crosswise on each line, E. and W., 3 ft., and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.  
Land, level sage brush plain.  
Soil, very sandy loose loam, with large quantities of pebbles.  
Undergrowth, sagebrush and some bunch grass.  
July 21, 1915.

Boundaries of T. 20 N., R. 49 E.

Latitudes, Departures and Closing Errors.

Line designated	True bearing	Dist.	Latitudes.		Departures	
			N.	S.	E.	W.
4th Stand.Par.N.	N.89°56'W	23.56	.02			23.56
	West	453.64				453.64
W. Boundary	South	412.30		412.30		
S. Boundary	East	477.63			477.63	
E. Boundary	North	412.73	412.73			
Convergency						.52
			412.75	412.30	477.63	477.72
			412.30			477.63
Error in latitude			.45		Error in Dep.	
					.09	