

Chains

½S3	S2
1914	

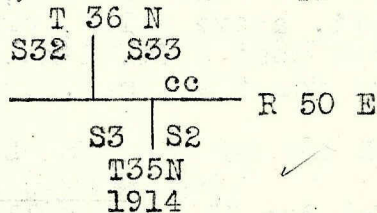
and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Whence: A miner's log cabin bears S.84°38'W.

A yellow dump on side of mountain bears N.88°30'W.

- 44.67 Cattle trail bears N.20°W. and S.20°E.
 46.30 Ridge, 60 ft. above ravine, bears N.70°E. and S.70°W. desc.
 49.75 Ravine, 70 ft. above ridge, course S.70°W., asc.
 52.00 Ridge, 15 ft. above ravine, bears N.70°E., and S.70°W., desc.
 54.67 Trail, bears N.30°E. and S.30°W.
 73.25 Hollow, 80 ft. below ridge, course W.
 78.40 Ridge, 40 ft. above hollow, bears E. and W., desc.
 84.63 Fall 15.85 chs. E. of the re-established Std. Cor. heretofore described for the cor. of secs. 32 and 33.

At point of intersection, set an iron post 3 ft. long, 2 ins. in dia., 24 ins. in the ground for the closing cor. of secs. 2 and 3, with brass cap mkd:



and raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor.

Whence; tent over mining machinery bears S.57°32'W.

A large tent bears N.59°06'W.

Mouth of a tunnel bears S.9°08'W., about 70 chs. dist.

Land, mountainous.

Soil, light clay loam, with same subsoil.

No timber.

Undergrowth, sagebrush, good grass for grazing.

Scott P. Stewart

U.S. Surveyor.

September 26, 1914.

Survey commenced September 17, 1914, and executed with a Young and Son's transit No. 8146, with Smith solar attachment. For description and approval of instrument, see Book "A" of this survey.

I examine the adjustments of the transit and find no errors. Then to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris, I proceed as follows:

At my camp, which is situated near the quarter corner of secs. 16 and 21, T. 35 N., R. 50 E., in approximate lat. 40°51' N., long. 116°22' W., I set off 40°51' on the lat. arc; 2°15' N. on the decl. arc; and determine a meridian with the solar at 4 h 30 m, p.m., l.m.t., and mark a point in the line thus determined by a peg driven firmly in the ground about 5 chs. N. of my station.

At 7 h 49 m, p.m., l.m.t., I observe Polaris at eastern elongation and marked the direction of the line thus determined on a peg driven firmly in the ground about 5 chs. N. of my station.

September 17, 1914.

September 18:

At 6 h 30 m, a.m., l.m.t., I lay off the azimuth of Polaris 1°30' to the west and note that this meridian