

D.M.

Resurvey of North Bdy. of T. 22 N., R. 23 E., M.D.M.

7.

1½ ft.

cor.

ed with 4

raise

cor.

cor.

on

sun

which

deep.

ground

e a

cor.

158 lks.

ins.

32,

edge,

high N. of

4'W.

E. 2.51 chs.

y.

ne 14, 1909.

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George

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other

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Chains

Dec. 1, 1910. At 10 h 00m A.M., l.m.t., I set off 39° 48' on the lat. arc, 21°44'S. on decl. arc, and determine a meridian with the solar at the cor. to secs. 5, 6, 31 and 32, already described.

The bearing of a flag on my line some 10 chs. dist. and to E. on back on this line is East by deflection of plate angle 90°00' from the meridian, and checks my previous work.

The magnetic bearing of this meridian is N.17°40'W. which gives the magnetic declination 17°40'E.

thence I run

West bet. secs. 6 and 31.

Ascend along N. side of ridge in scattering junipers.

Leave junipers.

4.50 Top of ridge, bears NE. and SW. 8 chs. south of line.

17.00 Gulch, heads about 10 chs. SW. Course NE.

23.49 Enter junipers, not dense.

27.49 Leave junipers.

31.49 Set a volcanic stone 18x10x7 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face, and raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.

40.00 Pits impracticable.

No trace of old corner.

63.00 Set a trachyte stone 20x14x12 ins. 15 ins. in the ground for cor. of Tps. 22 and 23 N., Rs. 22 and 23 E., marked with 6 notches on each edge, 23 N. and NE. 23 E on SE 22 N on SW. and 22 E on NW. face, and raise a mound of stone 2 ft. base, 1½ ft. high S. of cor.

Pits impracticable.

After diligent search I found no trace of old cor. anywhere around or to the west.

This Tp. cor. is on the exact northerly prolongation of the west boundary of Sec. 6 of T. 22 N., R. 23 E. determined or resurveyed by me at the same time as this line.

Land mountainous 63.00 chs.

Soil, stony and rocky 4th rate.

Some junipers, not dense, on 8.50 chs.

Dec. 1, 1910. I set off 21°45'S. on decl. arc, and at 11 h 56 m l.m.t., observe the sun on the meridian, the resulting lat. is 39°48', which is about the proper latitude.

RESURVEY OF W. BDY. OF T. 22 N., R. 23 E.

Dec. 1, 1910. At 2 h 00 m P.M., l.m.t., I set off 39° 48' on lat. arc, 21°45'S. on decl. arc, and determine a meridian with the solar at point 90 lks. east of the cor. to Tps. 22 and 23 N., Rs. 22 and 23 E.

Thence I run

South on a blank line in search of ¼ sec. and sec. corners and also closing corner.

21.41 I find closing cor. on Pyramid Lake Indian Reservation boundary 64 lks. west of my line.

32.23 I find ¼ sec. cor. 50 lks. west of my line.

72.23 Intersect the cor. to secs. 1, 6, 7, and 12, which is a trachyte stone 12x10 ins. 16 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence I run

N.0°43'W. bet. secs. 1 and 6.

Ascend over rocky ground, through scattering junipers.

9.60 Top of spur from ridge, bears NW. and SE. descend.

19.60 Ravine, about 200 ft. below last ridge, course E.

Leave junipers.

40.00 Intersect old ¼ sec. cor. which is a volcanic stone 30x30x10 ins. above ground, marked ¼ on W. face, and