

EAST BOUNDARY OF T.4 N., R.49½ E.

CHAINS

May 24: At 7h.57m..a.m., l.m.t., I set off 38°07'N., on lat.arc, 20°39'N., on decl.arc, and determine a meridian with the solar, at the cor.of Tps.4 N., Rs.49½ and 50 E., heretofore described.

Thence I run

North, bet.secs.31 and 36.

Descend abruptly over rocky and mountainous land.

2.00 Hollow, 75 ft.deep, course E.

Ascend.

6.20 Spur, projects NE.

Descend abruptly along broken and rocky east slope.

40.00 Hollow, 150 ft.deep, course E.

Set a basalt stone, 15x10x4 ins., 10 ins.in the ground, for ¼ sec.cor., marked ¼ on W.face, and raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor.

Pits impracticable.

Ascend.

44.50 Ridge, bears E.and W.

Descend. Enter scattering cedar and pinon timber.

51.25 Hollow, 100 ft.deep, course E.

Ascend.

55.00 Ridge, bears E.and W.

Descend.

60.00 Hollow, 75 ft.deep, course E.

Ascend.

62.20 Ridge, bears E.and W.

Descend.

67.00 Hollow, 100 ft.deep, course NE.

Ascend.

76.00 Ridge, bears NE.and SW.

Leave timber.

Descend.

80.00 Set a basalt stone, 15x10x5 ins., 10 ins.in the ground, for