Also dug deep pits on 4 sides for the cardinal points.

The land on this mile is cut by ravines & is destitute of wood, water & stone. Soil, 2nd rate; excellent bunch grass. May 24th, 1864.

Continuing E. the Bdy. passes over an elevated country, diversified by several small ill defined spur ridges and revines. 40 chains terminate on side of small ravine.

1864 May 25 versified by several small ill defined spur ridges and ravines. 40 chains terminate on side of small ravine, which heads in main ridge S. This point is in low ground again and I could get no bearings.

1/2 M.

Made excavation, 21 ft. deep. Deposited a piece of volcanic stone (scoria), 4 ins. sq. Post a willow, 6 ft. long & 4 ins. sq., when trimmed, top beveled & ground end charred. Marked on W. side in deep characters " M". Threw up an earthen mound, 6 ft. sq. at base and 3 ft. high, tapering to post; earth packed & sodded; entrenched with deep ditch & 4 pits of usual size & location. 45 chains, bottom of ravine, coursing N. and putting down to big canyon, thence over small ridges bearing S., 72 chains cross ravine, 2 chs. wide and bearing down to SW. 80 chs., intersect Sec. line 13- 14, near foot of W. spur ridge, descending from main ridge coursing S.S.W. Marked parallel. Could get no bearings, position being low. Made excavation , 3 ft. deep; deposited charred stakes; erected willow post, 72 ft. long & 62 ins. sq., when trimmed; top beveled; ground end charred. Marked on N. side in deep characters "W", on S. "O", on E. side "46° L 1864", and on W. "4 M". Threw up anmound, 8 ft. sq. at base and 4 ft. high, tapering to post in center. Barth packed & sødded. Dug trench 12 ins. from exterior base line of mound. 18 ins. wide & 8 spades deep. Also dug 4 pits of usual size and location. Land rolling & broken, soil 2nd rate; no water, timber or stone. Excellent bunch grass. Thence over small ridge, ascend to

circular flat, the end of 40 chs. Made excavation, 22 ft. deep; dposited cherry stakes. Planted post, 6 ft.

4 M.

1/2 M.