

E. B., T. 33 N., R. 21 E., Mt. D. M.

Chains.

Chai

North between sections / <sup>2nd</sup> 6,

Variation  $16^{\circ} 48'$  East.

Descend.

9.00 Cross Gulch, 25 lks. wide, Course E,

22.00 Ascend. gradually.

40.00 Set a Volcanic stone  $27 \times 13 \times 10$  ins., 20 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. Pits impracticable.

65.50 Top of Ridge, bears N.  $75^{\circ}$  E. <sup>2nd</sup> S.  $75^{\circ}$  W. and descend.

70.00 Cross Ravine, Course. N.  $60^{\circ}$  E.

78.00 Cross Ravine, Course. N.  $75^{\circ}$  E. and ascend.

80.00 Set a Volcanic stone  $32 \times 22 \times 7$  ins.  $24$  ins. in the ground, for Cor. to Tps. 33 and 34 N. R's 21 and 22 E., marked with 6 notches on each edge, and raised a mound of stone. Pits impracticable.

Land mountainous.

Soil <sup>2<sup>nd</sup></sup> rate

Vegetation of Bunchgrass <sup>2nd</sup> Sagebrush,

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Aug. 15<sup>th</sup> 1882.