

477. - 1.

Subdivisions of T. 41 N. R. 53 E.

Chains.

June 27, 1903. at the cor. of sec. 35 and 36 on the 8th Stand. Par. N. at 7^h 00^m Mm. l. m. t. I set off $23^{\circ}23'$ on decl. arc. and $41^{\circ}23'$ N. on lat. arc and by solar observation determine a true meridian. At this time the decl. of the magnetic needle is $18^{\circ}6'$ E. and by correction applied as per Manual of instructions on page 100 the mean mag. Decl. is N. $18^{\circ}00'$ E.

From this cor. I run,
N. $0^{\circ}1'$ N. bet. sec. 35 and 36. over
mountainous land descending

8.00 Canyon course E. stream 4 lks wide 2
lks deep flows E. and ascend

16.64 Top of ridge bears S.E. and N.W. and
descend through chaffarral,

36.10 Point of ridge bears N.W. and S.E.

42.00 Set a quartzite stone $14 \times 8 \times 6$ ins 9 ins
in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face and raised a mound of
stone $3\frac{1}{2}$ ft. base 2 ft. high N. of cor.
Pits impracticable.

44.50 Ravine course S.E. and ascend

47.00 Point of ridge bears S.E. and N.W.

58.05 Deep ravine bears S.E. and ascend steep

67.50 Top of ledge of rocks bears E. descend