

DEPENDENT RESURVEY

FIFTH STANDARD PARALLEL SOUTH, THROUGH RANGE 65 EAST.

Chains

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REESTABLISHMENT OF
SURVEYS EXECUTED BY W. H. MYRICK, U. S. DEPUTY
SURVEYOR IN 1882.

True Lines

Turning from the mean point in the line determined by the Polaris observation at the standard cor. of T.20 S., Rs. 64 and 65 E.

East, with the reestablishment of the fifth standard parallel south, along the S. bdy. of sec. 31, T.20 S., R.65 E., on a transit line describing the secant, which starts at a point 4 lks. S. of the Tp. cor., and bears N.89°58.1'E.

Ascend W. slope of a black mesa, over mountainous land through creosote and chaparral undergrowth.

20.40 W. rim of mesa, 470 ft. above Tp. cor., bears S.70°E., N.70°W. about 3 chs. distant, thence N.30°E.; gradually ascend 50 ft. over mesa top to $\frac{1}{4}$ sec. cor.

Difference bet. measurement of 40.00 chs. by two sets of chainmen, is 2 lks.; position of middle point-

By 1st. set, 40.01 chs.

By 2nd. set, 39.99 chs.; the mean of which is

40.00 N. 2 lks. from the secant,

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground to solid rock and supported by a mound of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S 31

1931, raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Cor. stands on top of ascent of mesa; gradually descend 70 ft. to

66.15 E. rim of mesa, bears NW. and SE.; descend steep and rocky E. and NE. slopes 500 ft. to sec. cor.

72.10 Ridge spur from mesa, bears NE. about 7 chs. distant, then easterly and SW.

Difference bet. measurement of 80.00 chs. by two sets of chainmen, is 2 lks.; position of middle point-

By 1st. set, 80.01 chs.

By 2nd. set, 79.99 chs.; the mean of which is

80.00 On the secant,

Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground to solid rock and supported by a large mound of stone for standard cor. of secs. 31 and 32, with brass cap marked