Township 21 South, Range 70 East.

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353

Ch-i	
Chains	Survey executed with W. and L. E. Gurley solar transit No. 262684
	used by Wilson McConkie, Public Land Surveyor and Buff and Buff solar
	transit No. 9983 and Young and Son solar transit No. 8518 used by
	James W. Hardison, Surveyor. These instruments, property of the
	General Land Office, are equipped with Smith solar attachments and
-	full vertical circles; the horizontal limb of each instrument is pro-
	vided with two double verniers placed opposite to each other and
	reading to single minutes of arc, which is also the least count of
	the vertical circles. The instruments were in good condition and having been placed in satisfactory adjustment prior to the initiation
	of the survey and having been tested and found free from appreciable
$(1, 2^{\prime}, 2^{\prime}) \rightarrow (1, 2^{\prime})$	error, were approved by the district cadastral engineer in the assign-
	ment instructions.
	Transit lines were carried forward from the meridian established by
	observation of Polaris, taking the mean of direct and reversed sights
to the second second second second second	at each station and checking all deflections by repetition of angles,
	and the accuracy frequently checked by observations of Polaris and
- 1.1	the sun throughout the progress of the survey.
	Measurements were made with steel tapes 5 chains in length checked
	by comparison with a Lufkin standard tape 66 ft. in length, measure- ments were made on the slope, vertical angles obtained with clinom-
	eters maintained in good adjustment and the horizontal equivalents
	entered in the field notes. Along the E. bdy. Ts. 17, 18, 19 and 20
ry Pe	-S., R. 69 E., two sets of measurements were made. No differences
	greater than 4 links in any half mile were obtained. The mean dis-
	tances are shown in the field notes.
	February 18, 1939, at the standard cor. of Ts. 16 S., Rs. 69 and 70
Sec. of the	E., which is an iron post 3 ins. diam., set, mkd. and witnessed as
	described in the field notes of the resurvey of the Lth Standard
	Parallel South under Group 160, latitude 36° 30' N., and longitude
The Contraction of the State	114° 13' W., Polaris was observed at western elongation, making six
	observations, three each with telescope in direct and reversed posi- tions and marking the mean line thus determined with a nail driven in
e e contra de la c	a stake firmly set in the ground about 10 chs. north.
	a stake illuity set in the ground about to chs. north.
	Azimuth of Polaris at western elongation 1º 16'.2
	February 20, 1939, the azimuth of Polaris was laid off to the east
	and the meridian thus determined marked by a stake driven firmly in the ground 10 chs. N.
	Although extensive retracements were made, no evidence of original
	corners was found along the 5th Standard Parallel thru Rs. 68 and 69
8 P. S. S. 18	E., or along the E. boundaries of Ts. 17, 18, 19 and 20 S., R. 69 E.
	The closing corner of Ts. 17 S., Rs. 69 and 70 E., was reestablished
	at record distance west of the standard corner of Ts. 16 S., Rs. 69 and
	70 E. From this corner, a line was surveyed south and iron post
	corner monuments, established thereon at record distances from the
	north to and including the standard corner of Ts. 20 S., Rs. 69 and
	70 E.
	FOURTH STANDARD PARALLEL SOUTH
	TOTAT CARTAGE ANTIGE AND ANTIGE AND AND AND
	By the method of repetition of angles, deflect 90° to the left from
	the meridian established at the standard corner of Ts. 16 S., Rs. 69
	and 70 E., an iron post, 3 ins. diam., as described in the official
	record.
	Thence
	West along the 1th Standard Berellal & along the S har See 76
	West along the Lth Standard Parallel S. along the S. bdy. Sec. 36, T. 16 S. R. 69 E.
Con and a court is those associations are	
28.92	Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to
	bedrock, with a limestone $8x6x^4$ ins., mkd. X, deposited at base and
	in a mound of stone to top, for closing cor. of Ts. 17 S., Rs. 69 and
	70 E., with brass cap mkd.
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