Survey for Collier and Hademan. - Tp. 1 N. R. 34 E.W.M.

Chains	Links	

Beginning at corner of Section 17-18-19-120 which corner is a rock in the E of County Road. A pine tree 30" dia. N.E. 50 links. A pine tree 28" dia. South 59 lks. Thence I run a random line North.

20.00 — Set temp. stake on line.

39.70 — A point 156 links west of 1/4 sec. corner Rock plainly marked in road with rocks around it. I then return and set trees 1/16 corner 15 links south and 78 links east of Temp. No stake set before. Set stake in mound of rocks for 1/16 corner.

Then Beginning at 1/4 section corner between Sec. 17 & 20 which is a rock marked x - 1/4 in mound of stone at intersection of fences at School House, I run North along fence line.

20.08 — fence runs west

39.80 — fence corner at center of Section. Post and rock mound set by Kimball years ago in place. I then return and set 1/16 corner

19.90 — chains from each corner. From this corner I run line west to 1/16 corner set before staking line.

Then beginning at 1/4 corner which is at fence corner between Sections 19 & 20, I run north

20.22 — 1/16 corner Rock in E of Road

40.39 — Sec. cor. rock to Sec. 17-18-19-20.

Then beginning at corner of Sec. 17-18-19-20 and sight on 1/16 corner south and turn angle 89° 20' and run west. Sun under cloud. Could not get sight on it. Set Temp. point.

20.00 — stake offset 30 lks. South of line

40.00 — stake offset 30 lks. South of line.

60.00 — stake offset 30 links south of line.

82.85 — A point 57 links North of Iron Post corner set as witness corner by U.S. Gov. by original rock for corner of Sec. 18-19- Tp. 1 N R. 34 E. and Sec. 13-24- Tp. 1 N. R. 33 E. W. M. Thence I return and set first 1/16 corner stake south 11.4 links.

2nd stake at 1/4 corner I set 2.4 links north.   (True bearing of line S 89° 07' W).

3rd stake at 1/16 corner I set 16.3 links north.

Solar observation. Cor. Sec. Sec. 19-20 | Sec. 13-24   Tp. 1 N.R. 34 E | Tp. 1 N R. 33 E.

T = 5:06 PM	V = 14° 27'	H = 177° 00' R	⊕ direct
5:11 PM	13° 34'		
T = 5:08½	V = 14° 00' 30"	H = 177° 55' R	⊕ reverse.
		H = 177° 28' R	

$$r \text{-corrected} = 13° 57' \qquad A = +0.2725$$
$$L = 45° 39' \qquad B = \frac{-0.2058}{0.0667} = S 88° 11' E.$$
$$dec = 7° 52'$$

Survey for Hudeman and Collier

Chains	Links	
		Thence beg. at corner of Sec. 18-19- Tp 1 N.R. 34 E. on West Tp line. Sought on random line and turn angle 91°00′ R. and run line South.
20	48	a point 8 lks. W. of ¼th corner iron pipe Sec. 19 in mound of stone. (True Bearing of line 30°-11¼) Thence beg. at point 8 lks. west of N/16 cor. of Sec. 19 on West Tp line. Sought back on random line and turn angle to right of 89°-30′ and run east.
23.	16	set temp. stake. fr ¼ cor.
43.	16	set temp. ¼ corner about 6′ south of stake in rock pile.
63.	16	set temp. ¼ cor. stake in road. (N+S).
83	08	a point 1.30 ch. south of N/16 corner on east line of Sec. 19. I then compute correction and set true corners accordingly.
		¼ corner in road – 8 links west and 98.⅞ links north
		¼ sec. corner — 8 links west and 67.⅞ links north.
		¼/16 corner — 8 links west and 36.⅛ links north.

Aubry E. Perry
County Surveyor