C.S. # 819

Hardcopy 10-4 # 16

also see notes in file

F.B. 32-1

For Karstens

819 FB#32

C. S. 315 Sec. 26 T10-4S

Feb 22 1922

Party W. W. L.
F. W. Karstens

Began at N.W. Cor 35

A	5.000	5.000	
	5.000 +30'	4.991	
	5.000	5.000	
	5.000	5.000	90° 10' W
		19.991	
A_1	5.000	5.000	correct 10' E
	5.000	5.000	= (south)
	5.000	5.000	
	5.114	5.114	
A_2	2	40.105	
		20.052	
		19.991	
		.061	

Note: Make Dist. .005 to long

Set ¾" Pipe + stones (A_1) + .061 and .057 E

Hit 2.115 W. of Cor ang. sta. N to Cor. .057 B.S. on S = 0° 06' E

B_0	Beg. @ 35 Run N. on line from 35 Continued thru @ 35		
	40.000		
B_1			
	10.000	10.000	
	8.964 +6° 30'	8.906	
		24.765	
	5.000 +6° 30'	4.968	
	.591	0.591	

Hit S. of fence running E + W

Hub. upper turn road

For Karstens C.S. 315 Sec. 26 T10-4S Feb 22 1922 Party. W.W.L. F.W. Karstens

	+2°45' 5.000	4.994	
	+2°45' 3.040	3.036	
	-2° 15' 5.016	5.011	This pipe is not on ℄ Sec. N+S
26	-3° 30' 2.741	2.734	set W. .007 + N. .001
B2			89°45'L 1¼"P
	-5° 30' 5.000	4.977	Correct w S 03' N 89° 48' W
	4.665	4.665	N 89° 51' W + .192 W + .008 S
C1			
	5.000	5.000	
	1.449	1.449	
	-5°45' 5.000	4.975	
	-4° 30' 10.000	9.965	
	5.000	5.000	
	+4° 30' 3.872	3.860	
C2 27+26	set ore r/4 cor. B.S. on line E 89°51'		
	R to Cl. cor. N.		

30.232 Total = (39.994 + .377 to pipe = 40.271)

9.642 + 2.794 = 12.436

	R	Run S.	
	-3° 30' 5.000	4.990	
Δ	3.550	3.550	Set S .025
	3.750	3.750	" E .003
	(3.215)	not in total	" S .025
	3.750	3.750	E .004
	+4° 15' 4.000	3.989	Set S .025
	+5° 30' 3.830	3.812	E .005
			" S .036
			E .006

12.290

11.351

70°35'E .377 to 1¼"P on E of rd. and ℄ is .001 N of π line W

+.195 Set Hub

40.271	9.977
.309	9.665
39.887	.192
	9.834

9.642
.377
.195
10.214
- .003
10.211 pipe to ℄ line produced

Hit .036 N of Buggy hub.

4.990
3.550
3.750
3.213
15.503 to stone

set ½"P Hub

Set ¾"P + stone

hit .008 W of stone

set ½"P + 3 stones 16.299

" ½" rod + 3 granite stones 3.812

20.111 - 20.065 = .041

3

For Karstens C.S. 315 Sec 26 T 10 S

Feb 23 1922 Party

	2.384	2.384
	-3°30'	
	10.000	9.981
	2.300	2.300
	-5°15'	
	1.641	1.634

16.299 − .010 = 16.289

12.290
11.551
16.299
2 | 40.140
20.070
.065

Mode Dist. .030 too long

To beginning

27 | 26
34 | 35

Back to Cor. between secs. 26 27 & 34, 35

B.S. on transit lines.

90° 32' R = S 89° 18 E.

Correct 33' N = S 89° 49' E

5.000	5.000	
+3°45'		
10.000	9.979	39.979
	25.000	
	39.820	

D1

D2 90° 47'L to sec. cor. {Plow / Shear
Which is .034 E. of true cor.
.761

D3 sec. Cor 26/35 | 25/36

Back to Near ¼ Cor 26/35

39.996 − .142 = 39.854 − .034 = 39.820

19' for .761 = −.004

39.979
2 | 79.979 − .004
39.998

89°13' R to line S approx.

39.979
39.898
.081

Set Cor 62

B.S. on transit line W.

89°15' R to transit line S

Correct E. .001 = S 0°03 E = S 0°04 E

B1 is .020 E. + .110 S of ¼

Sec. Cor between 26/35

Set ½" Rod on line 20 ft each side of Cor N. .381 and W 0.081 from D

4

For Karstens C.S 315 Sec 26 T10-4S Feb. 24 1922 Party W.W.L.

Set on point C, +.195, 10 W of ⊙ Sec 26

B.S. on transit at .30 W

89° 58' R Set S .008

7.598 -.30 = 7.588 N 0° 10' E

Cor. W 0° 2" = (N 0° 10' E)

-.085 Cl. Cor. is .002 W ℄

Cor to Cor = 7.511

Insert rechecking line Measure

5.000	4.990
3.570	3.570
3.754	3.750
	3.750
-10' 3.644	3.598
-6° 30' 5.000	4.969
-5° 20 5.000	4.977
5.000	5.000
	5.000
	.541
20	40.145
	20.072
	.379
	20.451

3.5-60

20.407
20.407
.036
27
1013

Hit .034 E of Harrom tooth set Horse shoe 4 stones on top 6" under surface of road.

1.904 + 5.000 + 3.145 to sec. Cor from ℄ line

1.904	1.904
5.000	5.000
3.145	3.145
.024	10.049
¼ sec. Cor. 2/6 to	10.073 to Cl -.151
	10.214 10.200
	10.200
set ℄ pt.	20.014
Which is W of ⊙ S W 26 W	0.007 W

Note:- The old man Karstens bothered me on this line - Therefore the error which makes the ℄ angle at the ⊙ sec.