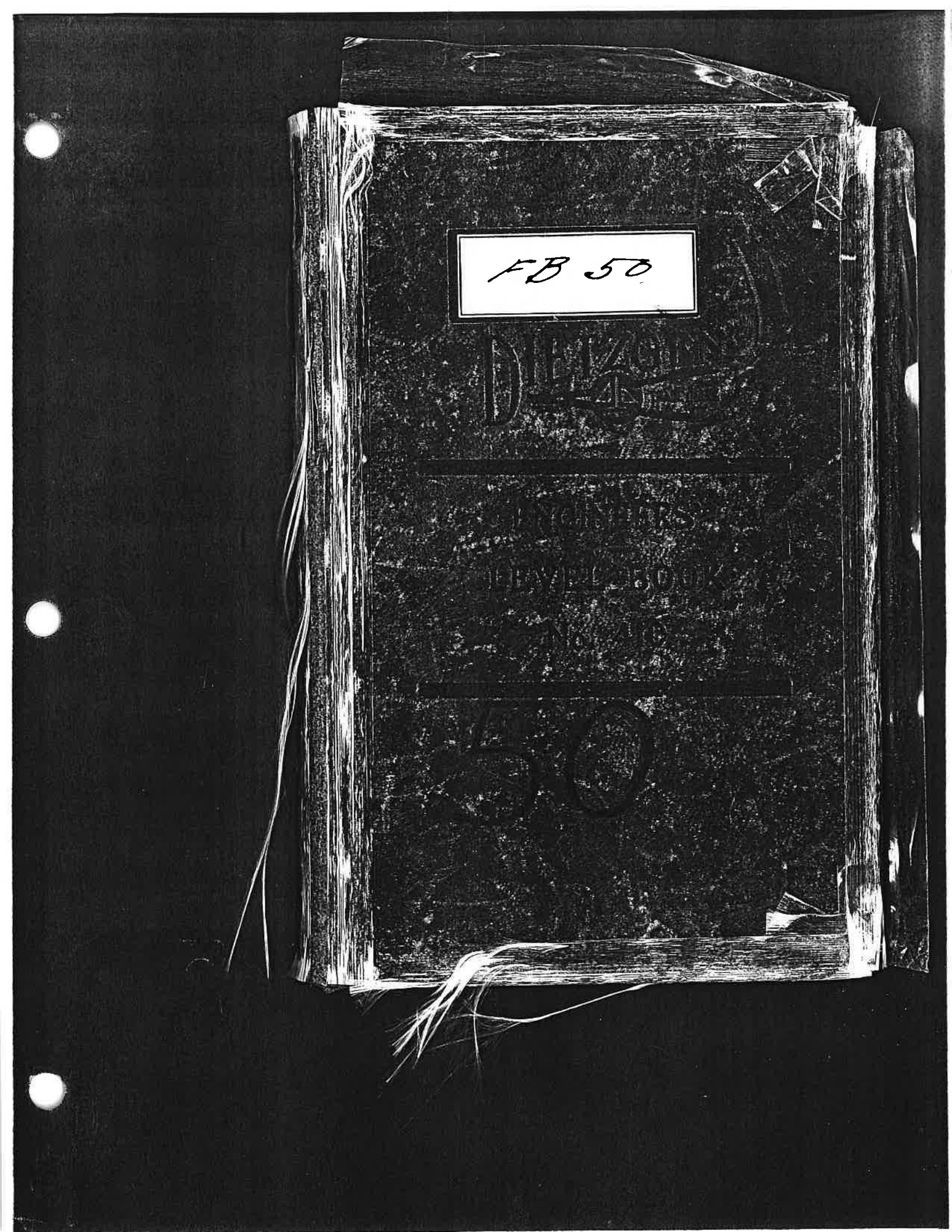
Field Book # 50


FB 50

Book 20

Survey of RR Xing at Shady Pt.	Page 1-2
Round Prairie Ranch T28-6	3-5
Conn Est T27-6 Cl, 50	6-7-8
Darius Wells T22-7 C145	9-10-11-12
Ray Wells Road T22-7	15-16
Oliver Haines & Dell Wetherly C142	17
Felix Hudson T22-7	18-25
Helms Sec 17	26-27
Cheevers T22-7 Paine DLC 53	28-33
J.B. Smith T28-5 Sec 32	34-36
Stone & Jennings " "	37-38
John Lichtenberger T29-5 C137	39-41

1

Jan 21 1921

01

Survey of R.R. Xing

At Shady Point for O.P. Co show

J.W. Cole

T.A Van De Vord

Distance Along ℄ of Road RR Xing to End of Brush That obstructs view South of Xing 272 ft.

680 ± Along Road to a point where sight for car going South would be obstructed for dist of 60 ft.

1080 ± ft from Xing North to where car comes out of Cut

→ 290 ± ft ~~Farther~~ South along Co Road to a point Where view of approach can be seen — view for 6' ft along Rd

2

92

Stadia Shots

Δ	Def.	M.C.	C.C.	½ Stad
1	L 25°13'	S24°45E		1.65
2	L 25°47	S25°10E		1.44
3	L 26°08			1.20
4	L 26°18			Stadia 2.01
5	L 26°11			1.52
6	L 24°46'	S24°15E		1.03
7	L 19°50'			0.62
8	R 58°50'	S58°40W		0.16
9	R 121°20'	N59°W		0.53
10	L 6°19'	S6°10'E		0.63
11	L 31°15'	S30°30E		0.38
12	L 111°10'			0.04
13	Def from North L 25°00'	N24°36'W		1.69
	Def. from South			
14	L 11°20'	S11°20'E		1.14
15	L 12°04	S12°10E		1.90
16	L 16°00	S16°00E		3.33

Angles Deflected from Mag South
Var. 23° E

℄ R.R.

"

℄ Xing 125 A across Co Road
Cattle Guard
℄ R.R.

Xing Sign
℄ Road 15' Wide
" " 20' Wide

Co Road 15' Wide
" " 21' "
" " 21' " Opposite Pt of Brush.

Round Prairie

On E Side Tom Burnetts 80

2/7/21

Cole
Smick
Allen T.

8			S1°42W			
9	N89°07'					
		S10°40'W	S10°49W	-25°30' 262.7	237	
10	N4°07'					
		S6°30W	S6°42'W	-24°30' 1687	1535	
11	N14°19'					
		S7°45E	S7°37E	-26°20' 195	1748	
½ Cor 12						

4

Run West from Hub 4 on E Side

Tom. Burnetts

			S1°58E				Begin at West End of Base line at Hub 4					
0=4						N	S.	E	W.	Co.	Lin	
			S87°19W	145.2	145.2		68		334 145.1	.0468	-99.89	
1	L 37°35'						BS on #4					
		S49°50W	S49°44W	511.6	511.6		330.5		390.4	.6463	.7630	
2	R 20°57'			+3°10'								
		S70°45W	S70°41W	214.2	213.9		70.8		201.9	.3308	.9437	
3	L 37°51'											
		S32°40W	S32°50W	-4° 300.2	581.5		488.5		315.2	.8403	.5422	
				282.2								
4	L 3°00'											
		S29°40W	S29°50W	119.8	119.8		104.0		59.7	.8675	.4975	
5	R 17°39'											
		S47°15W	S47°29W	-5° 236.3	235.4		159.1		173.5	.6758	.7372	
Cairn line							19598		W 13089			
1-6	L 46°10'											
		S1°15W	D1°19W	203.2	203.2		203.1		4.7	.9997	.023	
							21679		13136			
2-7	L 0°39'											
		S0°40'W	D0°40W.	-9° 246.3	243.2		243.2		2.8	.9999	.0116	
							2406.1		1916.4			
3-8	L 2°53'											
			D2°13E	-8°45' 224.3	221.7		221.6	86	86	.9993	.0387	
							1827.6		1293.3			
4-9												

5

05

Pick up line on N. Side 27
Set 23 ft South continue
West by needle (transit fell off)
water.

-33°
1329 141.5

-35°20'
198+ 161.9

-22°
158.5 146.9

-25°20
92.7 83+

-26°15
151+ 135.5

-20°40'
237.5 222.3

Set on Hub 4 = West 48.8 from
Cor. to 22-23-27-26

Set back 20^3 and set
Oak post for 1/16 Cor
from a Thick An Oak 10" N83°W 25.5
" " 8" N10°30E 23.5

Warm - Cloudy
Feb 10

Conn. Est. Melrose T276
for Dividing Estate

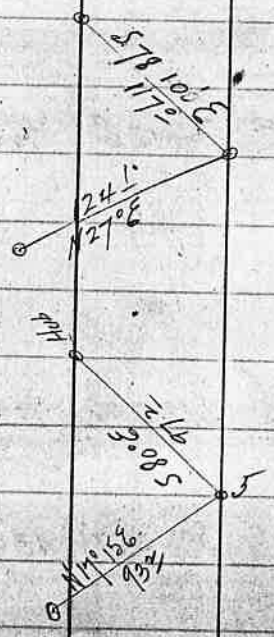
Var 21° 15' E.

0 = Rock. L Cor. of D.L.C. 50
Wm McKinney D.L.C.

Cole
Smick
Creed. Conn.
H. "

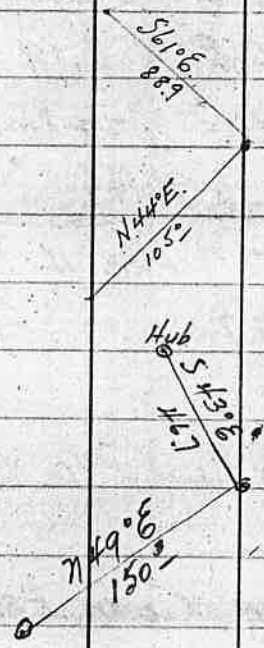
0	0°00'				
		North.	North.	≈400	T 1874
1.	0°00				
		"		1862	
2	0°00'				
		"		519	
3	R164°13				
		S15°06E	S15°47E	457	
4.	L 11°23'				
		S27°E.	S27°10E	816	
5	R3°42'				
		S23°10E	S23°28E	828	

River 12 5' L



7					
6	R 4°14'				
		S19° E.	S19.14 E	823.7	
7.	R 30°05'				
		S9° W.	S10.51 E	484.4	
8.	L 27°03'				
		S16° E.	S16°12 E.	766.5	
9.	R 3°47				
		S12° E	S12°25 E	784.4	
10.	R 98°23				
		S86°15 W	S85°58 W.	1394.1	
11	R 86°58'				

River 125' L.



River 25' L

Ash tree 52' L E. Co Road.

12' E of Rock. DLC. Cor.

Conns Deed Desc.

N 64.37 Ch. Thence East 4.00
Thence S 26°23E 22.28 Ch
S 10° 50E 35.08
S 13° 56E 8.19
S 86° W 27.85
Acres 96.66

Lot No 7 Sec 4 T27-6
1.97

Building Sites 240 x 360

Total Acreage Conn Est 10106
No 1 - 28.24
" 2 - 26.53
" 3 - 22.30
" 4 - 24.00

Survey for Farris Wells

Began at D & Cor. W.m Hancock tree which Ed Hancock says (150± ft on ± 29° slope 67± + West to tree N 52° E and ± 23° Slope

Renew Cor by tilting from which Original BTs

Tree bears Lark Marks 22 S 7 W

meas. Marked 22 S 7 W

Slope meas.

Mark new trees a for 30"

0.	From Cor.	Note			
	N 21 30 W	N 21° 30 W	37 8		
1	R 22° 30'				
	N 1° 00 E.	N 1° 00 E	- 18° 30' 137 5	130 4	
2	R 0° 42'				
	N 1° 20 E.	N 1° 42 E	- 20° 30' 300 ± 4.8	285 9	

Feb 14-21

09

and Ed Hancock

Cl. No 45 T 22-7 From Alder is B.T. Bar. S 76° E Var. 21° 30 E

30° 30 Slope) = 131.5 + 60 8 = 192 3 Hor.

runs S 52 W 139 5 Slope + 36' 15' 32° F.

112 ±

31 ±

Putman Bor. 3/4 x 40" als. Oak post

bears N 52° E. 173 6 ft slope measure

W. Original BT N 64° E 180 ± Slope

Original tree bears N 66° W 206 5

S 67° E 42 8 ft

N 4° 48' E 28 ± "

Changed all C C Course 1° Left For Comp Lat + Dep

10

	Fence 7'R				
3	R 1°57'				
		N2°50E	N3°39'	-8° 234°	231.7
(Fence 4'R 4)	R 1°59'				
		N4°40E	N5°38E	-3°15' 87°	86.8
Fence 2'R 5	L 2°43'				
		N2°15E	N2°55'	-7°45' 300° -6° 300°	297.3 298.4
				300° +2°30'	300°
				300° +15°30'	299.7
				282° +20°	280.2
				250° +12°	234.9
				121.1	118.5
6	R 1°32'				
		N3°30'E	N4°27'E.	+4° 300° +3°30'	299.3
				158°	157.3
7.	L 3°40'			-10°	-10°
			N0°47E	59.7	58.8
8	R 22°54				
		N22°30E	N23°41E		

1829°

456.6

10

$$\frac{356.8}{\sin 4°02'} \times \sin 123°29'$$

$356.8 \times \text{Cosec } 4°02' \times \cos 33°29'$

$356.8 \times 14217 \times .83405 = 4,230.8$

$356.8 \times \text{Cosec } 8°56' \times \text{Cos } 21°14'$

$356.8 \times 6.44 \times .9321 = 21+1.6$

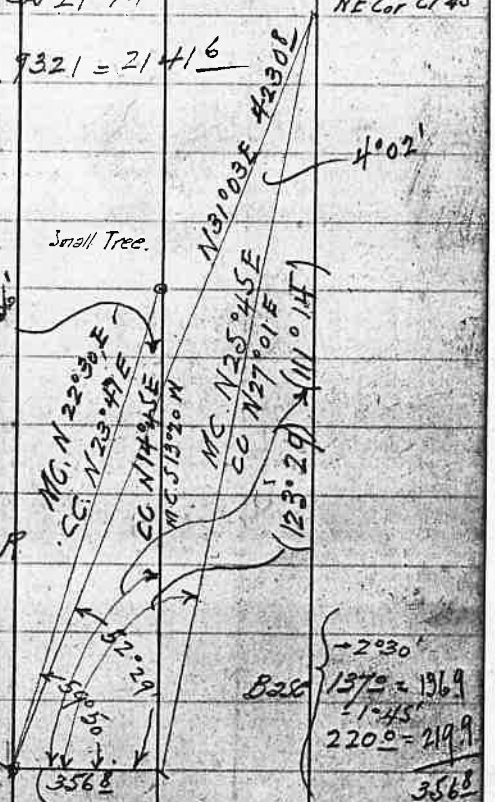
Set at 8 B.S.7 Def. 30°16R

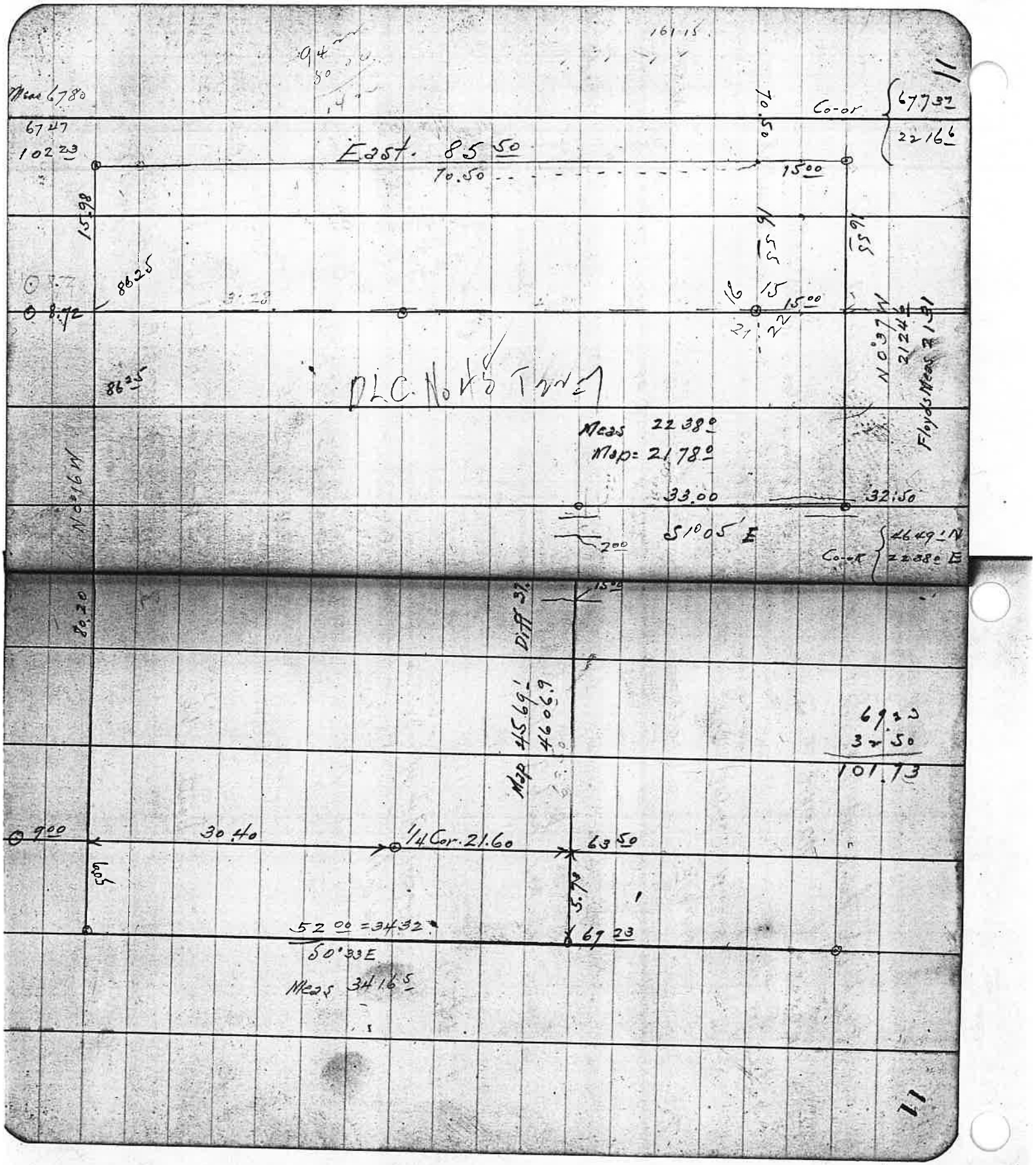
to N.E.Cor. D.L.C.#5

Def R 22°54' to N°8

Small tree MC N22°30E

To Tree.




Meas 67.80
67.47
102.23
East. 85.50
70.50
15.00
15.98
86.25
8.92
86.25
DLC No 45 Twp 7
Co-or 677.37
2216.6
15.00
15.91
N 0°37 W
21.24
Floyds Meas 21.91
Meas 22.38
Map: 21.78
33.00
32.50
S 10.5° E
2.00
Co-or 4649 N
2208 E
N 81° W
80.20
Diff 37
15.2
Map 4569
4606.9
69.23
32.50
101.73
9.00
30.40
1/4 Cor. 21.60
63.50
5.79
52.00 = 34.32
67.23
50° 33 E
Meas 34.165

Pick up line at tree B 8

R 83°25' | N 23°41 E

9 = tree for tieing

	S 75° W	S 72° 54 E	-4°45'		
B 9	S 44°40 E		300°	1670	299°
			1068		

Again Set on Sub 9 B 8 #8

# 9	L 138°41'	S 64 W	-6°15'		
	(S 61°45 W) ?		300°	951	298
	S 62°00 W		653		

10

		-17°45		
South		667		63

to No 8 on Line

To Tree B 9 at Cor. at N 6 E dist. L Cor C 45. Thence N + 8 6' East of tree

Solar Obs at No 9 Right L 23°41 W
Turn R 14°20' to Mon. N.C. L 36°30 W
Alt 25°52 3:00 PM Feb 15-21
Dec 12°34' Lat 43°39' See next page

Floyds Cor N 75°40 E 65
Set stake and 2" DB for Cor from which
An Oak 20" N 45° W 3 1/2 ft
" " 15" N 75°15 E 6 8 ft.

Comp. Solar Obs on Darius Wells - Hancock

$\cos Q = \text{Tan } L \times \text{Tan Alt.} - \left(\frac{\text{Sin. Dec.}}{\cos L \times \cos A}\right)$

$L = 43°39'$ Tan = .95395 Cos = .72357

$A = 25°52'$ Tan = 48486 " = .8998

$Dec = 12°34'$ Sin = .21758

4849 7
.954 0
19396
24245
43641
.46259 46

.7236 6
.8998
57888
65124
65124
57888
.651095 28

.6511 4 / .21758 (.3342
19533
22250
19533
27170
26044
11260

$\cos Q = .4626 + .3342 = .7968$ $Q = 37°11'$

S 23°41 W S 37 11 W
A 14 20 MC. 36 30
cc. S 38 01 W 41
Solar 37 11 Used Var 21° 30
50 Var 22 11 6

14

15

Levels on Road in front of

Sta	+	↑	−		
BM	0.10	200.10			200.0
0+00			2.6	197.5	195.4
+50			4.0	196.1	192.4
1			5.6	194.5	189.4
+50			6.9	193.2	186.4
2			7.2	192.9	183.4
+50			7.7	192.4	180.4
+75			7.3	192.8	178.9
3			7.4	192.7	177.4
+30			8.0	192.1	175.6
+60			10.0	190.1	173.8
T.P.	2.12	190.51	11.71	188.39	
4			6.0	184.5	171.4
+25			10.9	179.6	169.9
T.P.	0.67	179.65	11.53	178.98	
+50			7.3	174.4	168.4
T.P.	0.41	169.28	10.78	168.87	

Roy Wells Place. Near Elkton fair Feb 17 1951

1/2 ll Slope 18' Road. 15

Assumed On Hub against E fence Sta. 0+00

C Area .49	50	C 2.2 / 10.1	C 2.1	C 3.8 / 10.9		Cole Smick 275 =
80 Sq Ft. C	50	C 3.4 / 10.7	C 3.7	C 5.2 / 11.6		181.5
116 "	50	C 5.1 / 11.6	C 5.1	C 7.0 / 12.5		259.3
164	50	C 6.6	C 6.8	C 9.2 / 13.6		357.6
222	50	C 8.3 / 13.1	C 9.5	C 11.6 / 14.8		469.9
285	25	C 9.7 / 13.8	C 12.0	C 14.0 / 16.0		29.6
346	25	C 11.5 / 14.8	C 13.9	C 16.3 / 17.1		66.5 / 9338
374	30	C 11.4 / 14.7	C 15.3	C 17.0 / 17.8		437.7
432	30	C 12.3 / 15.2	C 16.5	C 18.5 / 18.0		4667
426	40	C 13.6 / 15.8	C 16.3	C 19.0 / 18.5		5504
317	50	C 9.7 / 13.8	C 13.1	C 16.0 / 17.0		365.3
			C 9.7			
77	18	0.0 / 11.2	C 4.0	C 6.7 / 12.3		26.9
	25					3860.5

16		16928											16
4+75			3.0	166 3	1669		F 27 8 25	F 4.5 25 / 15.7	F 0.6		C 0 3 / 9 1		36
5			10 3	159.0	1684		F 141 3 25	F 6.0 / 18 0	F 6.4		F 3.0 / 13 5		78 3
TP	2.01	159.81	11.48	15780			50						3625
+50			64	153 4	1624		F 2506 50	F 8 1 / 21 1	F 9.0		F 7 0 / 19 5		
6			11 0	148. 8	1594		F 337 8 50	F 7.6 / 20 4	F 11.6		10 1 / 24 1		5448
TP	0.87	148.76	11.92	147.89									5878
+50			26	146. 2	1564		F 291.6 50	F 7 3 / 20 2	F 10. 2		F 9.0 / 22 5		
7			45	143. 3	1534	triple	F 295 6 50	F 8 1 / 21 1	F 10. 1		F 8 9 / 22 3		5437
+50			62	142.6	1504		F 218 1 50	F 7 4 / 20.1	F 7.8		F 6.8 / 19 2		4756
8			73	141. 5	1474		F 161.9 50	F 6 2 / 18 3	F 5.9		F 6.0 / 18 0		3518
+50			82	140.6	1444		F 83 0 50	F 4 4 / 15 6	F 3.8		F 3.6 / 14 4		2360
9.			92	139.6	1414		F 74 4 30	F 2 0 / 12 0	F 1.8		F 1 6 / 11 4		1581
BM			6.38		1428								415
+30					1396		0						3378
10+40				137 0									338 0
													3706.5
12+80				127 0									
21+20				217 0									

17

17.

Feb 18-21

Survey for Oliver Haines
Relocate the S E Cor. of Sec
Cl. 42 Twp 22 S. R. 7 W. Fnd
Stone of Original B.T. N 56° W
57½ ft Original B.T. N 9° E 134 ft
Drag of Original B.T. S 87° E 72½
Set Rock 18 x 18 x 24 for Cor.
from which a Cross Marked
on a point of Ledge Rock
bears S 25° 30' W 22 ft.
A point of ledge Rock marked
with Cross and Cl. No. S 80° W 50 ½.

+ Del. Witherby.

18

Foggy 1:00 PM Feb 18 1921

{ Cole
Smick

Survey for Hudson. Dec 28

T22 S R.7 W.

Begin at Cor. to Sec. 28-29-32-33

Ed. Harris testifies that a Rock in

This Cor. and Orig Bg Tr N 50° W.

and S 83° W. Check for distance

Set a 4 x 4 x 40 Oak post

Set a 6 x 6 x 12 Rock and mark.

New trees on Oak 12" dia S 32° W 16 lks

" " 12" " N 21 45' W 55 lks

Set Sub. 10' South and 10' East

and Run Random East

Var. 21°30' = by Solar Var. 22°11' E

0	0°00'				
		East		+18°15' 175 lks	167 lks
1	L 0°45'				
		N87°E	N88°34E N89°15E	+6°20' 300 lks	298 lks
				70 lks	70 lks
				+25°40 300 lks	270 lks
				+22°10' 68 lks	63 lks
2	R 18°59				
		S73°30E	S72°27E D71°46E	-15°30 40 lks	38 lks
				-14°45' 300 lks	290 lks

19

				+19°40'	
				300 ±	282 5
				22 6	22 6
3	L 17°18'		S89°45E		
		N89° E	S89°45E	+5°45'	
				300 ±	298 5
				+18°45'	
				176 4	167 1
4	L 2°34				
			N87°41E	+9°	
		N86°20E	N88°22E	300 ±	296 9
				+10°30	
				300 ±	295 0
				+10°20'	
				155.9	153 4
5	L 13°25				
			N74°16E	+2°	
		N72°15E	N74°57E	138.7	138 6
6	R 8°37'				
			N82°53E	-10°	
		N81°15E	N83°34E	274 3	270 2
7	L 8°25'		N74°28E		
		N72°45E	N75°09E		
				293	
				70°	70°
				-26°30'	
				140 2	125 5
				-26°20'	
				300 ±	269 0
				-14°30'	
				189.7	183 7
8					

Top of Mt. Approx ½ line

8	R18°44'				
			S86°48E	+17°45	
		S88°15E	S86°07E	132 3	125 9
9	L6°12'				
			N87°00E	+10°15	
		N85°15E	N87°44E	300	295
				+15'15'	
				142 4	137 4
				+11°15	
				300	294 3
				548	548
10	R3°12'				
			S89°48E	+10°30'	
		N88°30E	S89°07E	175	172
11	L2°34'				
			N87°38E	+8°40'	
		N86°E	S88°19E	300	296 7
				758	758
12	R71°27				
		S72°30E		888	888
13	L58°24				
				-12°45'	
		S80°00E		254 3	248
14	?				
				+12°00'	
		S30°30E		82 3	808
15					
		S36°00E		75	75

From 9. Run. S68°34E 127 ± to Tem. 1/16 Cor

From Tem 1/16 Cor S86°45E 176 ft. to 1/16 Cor

Set Iron bar 2" x 1/2" x 24" from which

36 Ins S25°30W 32 ± ft.

Resumed May 29/1923

To Spring called for in field Notes

Hudson Survey Cont'd

	Det at 9. B.S.		S86°48E S86°09E		
9-0	R 17°33				
			S69°15E S68°34E	127.5	127.5
0	L 10°39'				
		N 1°E	N0°06E N0°47E	-10°15' 155°	152.5
1A	L 3°41'				
		N2°30'W	N3°38W N2°57W	+9°15' 70.8	69.9
2A	R 2°57				
		North	N0°41W North	-14°15' 80°	80.4
3A	0°00'				
		North	N0°41W North	-17° 133.7	127.8
4A	0°00'				
			"	+23°45' 284.5	260.3
5A	0°00				
			"	-1° 278.5	278.5
7A	0°				
				-1°30' 133.3	133.3
8A	0°		N0°41W North		
				89.8	89.8
9A					

To approx 1/16 Cor

Marked No 5

Moved this Cor N 1°32E 128 ft and N 89°45E 1510 ft

222 ft by Hudson

Set Approx 1/16 Cor. A large rock mound 10 x 12 x 8 from which A fir 36" 78° 15' W 44 ft.

22			N0°41'W North		
9 A	L 90°00'				
		589°30W	S89°19W West.	+42°15 199.8	147.5
10 A	0°00'				
			S89°19W West.	+35.- 184.6	151.2
11 A	0°00'				
			S89°19W West.	+25° 143.9	130.4
12 A	0°00'				
			S89°19W West.	+7°45 93.-	92.2
13 A	0°00'				
				100.-	100.-
				-7°00	
				300.-	297.9
				-2°15'	
				214.5	214.3
14 A	0°00'			-12°15' 190	185.7
				0.9	0.9
15 A	R 90°05				
			N0°36W	7°00'	
		N1°00'W	N0°05E.	80.-	79.4
				-14°	
				300.-	291.-
				93.1	93.1
16 A	L 0°05'	N1°00 W	N0°41'W North.		

approx 1/16 Cor.

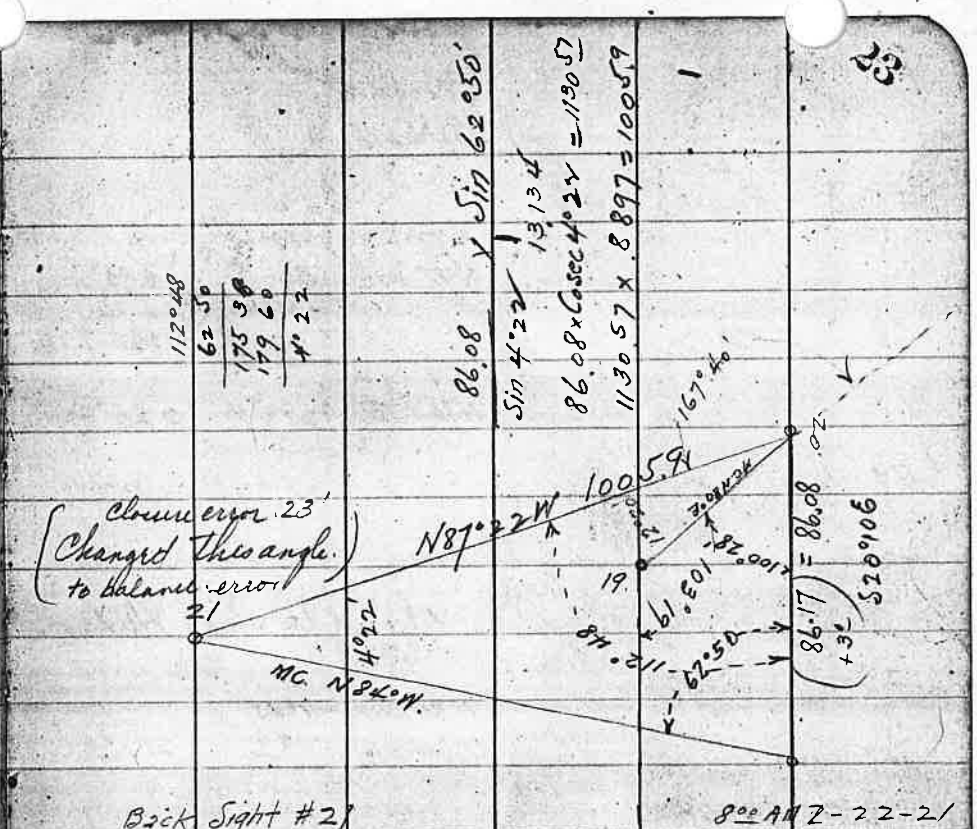
12 + 13 N89°11E. or S89°11W

Det 13. FS 12 R 52°05' Alt 27°29'

MC 539°6 Time 10:15 AM Feb 21-21

23

			N0°41W	+3°45'	
			North.	249.6	248.9
	3°08'				
17 A	R1°04				
			N0°23E	-7°30'	
		N0°15E	N1°04E	102.8	101.9
	5°06'				
18 A	R2°33'				
			N2°56E	-14'	
		N2°50W	N3°37E	258.0	250.9
	77°04'				
19 A	R76°44'				
			N80°00E	+23°30'	
			N80°18E	100.6	92.9
20 A	L167°40'				
			N87°40W		
			N87°22W	100.59	100.59
	24°22'				
× 21 A	R12°10				
			N75°30W	+20°00'	
		N76°00W	N75°12W	197.6	185.7
	107°56'				
22 A	R53°57				
			N21°33W	+3°40	
		N22° W	N21°45W	86.0	85.8
	127°20'				
23 A	L63°40'			12°30	
			N85°13W	+27°30	
		N85°30W	N84°55W	300.0	292.9
				-14'	
				300.0	291.0
				-5°30	
				165.9	165.-
	24°27'				
24 A	L12°13				
			S82°34W	-7°	
		S82°40W	S82°52W	300.0	297.9
				75°	75°



24

4:30 PM 2/23/24

			S82°34W			
			S82°52W			
25 A	49 27, R24°33					
			N72°53W	-12:15		
			N72°35W	300°, -10 40, 2288	293	
26 A	P 151°22				228.7	
			N78°29E	-3°		
			N78°47E	220 4	220	
27 = 1/4 Co.						

Dolan at No 25 FS No 26. L 46°24 Alt 14°49 39'

Renewed Cor. from Original BP which are live and standing. Chopped out tree N 45° E which showed scribe marks. Def 4"x4"x40" Oak post

Line South along W Side Hudson

Set at 23 BS 22. Def L To. O.

			N21°33W			
23 = A	118 23' L 59°12'					
			N 80°45W	-11°45		
			~~N80°27W~~	217°	212°	
O	201 00' L 100°30					
			S1°15E			
		S1°40E	S0°57E	304 8	304 8	
1 B	6°59' R 3°29'					
			S2° 14W	-13°15'		
		S2° W	S2°32W	279 3	271.9	
2 B	3° 13 L 1°36'					
			S0°38W			
		S0°20W	~~S0°56W~~	180°	180°	
				+21°40		
				158°	146 8	
				14 5	14 5	
3 B	0° 05' R 0°02					
			S0°40W	-12°45		
		S0°30W	~~S0°58W~~	85 7	83 6	

			S0°40W			
			~~S0°58W~~			
4B	10° 08' R5° 04'					
			S5°44W	-17°30'		
		S5°30E	~~S6°02W~~	84±	80±	
	48° 47'					
5B	R24°24'					
			S30°08W	—		
			~~S30°26W~~	300°	300°	
				+25°		113.6
				67	60.7	
				53²	53²	
	21° 29'					
6B	L23°15'					
			S6°53W			
		S6°30W	~~S7°11W~~	100°	100°	
				-9°45		51.28
				240°	236	
				+27°15'		
				185°	164±	
	0°32'			11.8	11.8	
7B	L0°17'					
			S6°36W	-5°30'		
		S6°20W	~~S6°55W~~	232±	230±	
	7° 36'					
8B	R3°48'					
			S10°24W	-8°15		306.9
		S10°00'W	~~S10°43W~~	300°	297.9	
	156° 19'			9°	9°	
9=B	R78°10					
			S88°34W			
			~~S88°53W~~			

{ Approx 1/16 Cor. Set at 5 Turn L94° 19
Run. 126 ± Thence N1°43W. 959 set
Rock. from which a fir 50" dia N 10°30'E
24 ft

{ Set 7.5 Ref To Sun. R 48° 25' Alt. 18°18 - 4:00 PM 2/22/21
Back Sight 6 NC. 55½°W
see page 76 for Calculation

1 S89°15W'
2 S 88 53 W
22 Error Tan .0064

25

Feb 24/21

Survey for Helms.

Began at 1/16 Cor. West of 1/4 Cr. bet Secs. 17 + 20 Twp 22 S R 7 W. which is an iron pin previously established and witnessed

Thence North Var. 21° 30' E.

0				+6°20'		Hub 0. offset 10' E of Con acct of wire on fence
				300	298	
				30 6	30 6	
1	0°00'					328 8 — 8 6 + 10 = 18 6
		North		300	298	
				87 8	87 8	
2	0°00'			-2°15'		716 6 — 18 7 + 10 = 28 7
		"		300	299 7	
				253 5	253 5	
3	0°00'					1269 8 — 33 1 + 10 = 43 1
		"		90	90	
				-6		
				300	298 4	
				300	300	
4				2644	2644	2222 6 — 58 + 10 = 68 West

27

4

N 0° 20' W

-3°45

270 7'

-4°

117 3'

270 2'

117 1'

5

49°

49°

6

2609.9

68 1' + 10° = 78 1'

Intersect 79 5 Lt. East of 1/16 Cor.

Det by Frank Cain Pat Cedar.

post

2658.9

True Course N 1° 30 W 2658.9

Jan. 02614

Survey for Warren Cheever.

Began Survey at The S W Cor of Paine D L C. No. 53. Renew Cor from Original B T which is an Oak 30" dia which I Chopped open and found scribe marks. Ran. N. 65° W. 308.7 ft and set Stake. and Run. S 80° W 132 ft. found an ash tree 15" dia down and partly decayed. Assume Cor Correct and Set an Oak post also a Linden shaft 1" x 60" dia for Cor Mark New tree an Oak 12" D 86° 30 W 32 ½ ft. Thence Northerly

0 = Cor					
		N 12° 11 E	N 12° 00 E	85.9	85.9
1	11° 47' R 5° 54				
		N 17° 20 E	N 17° 54 E	300° / 869 8	1169 8
2	3° 32' R X 1° 46'			+1°	
		N 19° 15 E	N 19° 40 E	164 3	164 3
3	0° 44' R 0° 22'			+7° 40'	
		N 17° 10 E	N 20° 02 E	300°	297 3

T 23 S. R 7 W. Feb 25 1921

Solar at No 1 FS No 0 R 17° 06 Deg page 76

Alt 32° 55 2 10 PM Feb 25-1921 N 12° 11 E 0-1

20' Ahead on This Course 1 for R to NE Cor Bay el.

				+8°30' 198±	196°
4.	4°39' L2°20'				
				300±	300°
				+2° 300°	299.7
		N17°50E	N17°42E	+4° 300°	299±
5	0°00'			81°	81°
				+5° 143'	142.6
6	L17°42				
			North		15.8
7	L 90°00				
			West		28.9
8 = Temp Cor R.	104°30				
		S75°20E	S75°30E	-3°20' 176°	175.4
9					
				+7± 147.5	146.5
10				300°	300°
				1118	111.8
11					

493.2

980.1

558.81

Set this 11° E and 20 ft for Cor
Set post and iron plug Coulter for Cor
from which A. W Oak 24" dia N14¾E 104.5
" " 24" N73°20E 112.5

178.4	17±L	378.9	Field Notes. 367.6
322.1	56.8	Ahead of Pt 10 intersect 197± ft	
		South of Cor to 6-7-1-12.	
			map 174±
733.9			

29

30

				300.0	300.0					
12				172.2	172.2	7415	1206.1	= 12	11.3 L	
				-5°40						
				270.7	269.3					
13							1487.4	= 13	9.7 L	
				+4°15'						
				300.0	299.1				Pine Line	
				+4°30'		5106	1986.6	= 14 66 L	R 0°21'	T 3N 006
14				212.1	211.5					
				183.2	483.2		2469.	= 15.37 L		
				300.0						
15				300.0	300.0					
				-3°						
				300.0	299.7	6210				
				21.3	21.3		3090.2	Field Notes	3069.	NE Cor. Paine Cl.
										Set 1" x 40" iron bar for Cor
16 Temp Cor.				9.1						No trees also large rock
				-5°						
				300.0	298.9					
			58°00E	300.0	300.0					
				5°30						
				300.3	298.6			5175.2	E 246.4	
				-4°		1770				
				300.0	299.1					
				300.0	300.0					
				273.5	273.5					
		4°58'								
17		L 2°29'								
			S10°29E	-8°30	295.4	292.1	12.2 E	S 287.1	E 52.8	

30

31

18	3°56' R 1°59'		S 58°30 E	300.0	620.2	21.7 W	S 6°13 E	691.8	But Wheat 25² and Dat 6°13 E		
				300.0					Dat oak post 4×4×40 above		
				20.2						1"×30 Galv. D for Wind Cup	
19	1°14' L 0°37'			1045'						100 ft (8°W) true Az wheel to	
				300.0	299.9					Non-mer. new Bank	
			S 9°07 E	300.0	300.0	9.4 E	841.2	E 135.1			Mark Mw Tree as Oak 10" dia
				252.3	252.3			526.1			S 61°05' E 507.1
					852.2		3494.3				
20	R 9°07								Drain	S 36 07 E	S 23°30' W 40.0 ft
			South		58.4				N 0 20		
							3552.7				
21	To Hub near										
16 -	Dat at Hub 16 Run N 8° W			+10.5							
				300.0	615.0						
				+9°45'							
				300.0	294.9						
				24.3	295.8						
					24.3						
17 A	0°00'			1120.0	1120.0						
				-4.0							
				300.0	299.6						
				+3.0							
				300.0	299.6						
					1081.2						
				370.2	370.2						
18	195°08' R 97°34'		map	21.2							
				2119.4							
19	L 90°30'										

1700

38 ft [illegible] to S. line Lewis Cl. 5 2 1700 Total

From which rotted remains of large oak bears W as above 639.0

NE Cor Lewis Cl 5 2

32

699.5

20

32

Field Notes gives 693

SW Cor. Snider Cl. 51

Reestablish Cor. to 6-7-1-14
from Original Trees which check well
Det. oak post 4"x4"x40" also 1"x36"
Mark new tree a. W oak 10" dia N53°15W
29 ft.

South 2015 1997
568 Ahead. 70 10

34

March 15 '21

Survey for J. B Smith T28-5

Began. Cor. to Secs 28-29-32-33

Found Large B.T. Chopped open and

found Scribe marks on shell of old

Scar. Set at tree and Run S13°E 27.44

From which A. Tree 26" dia evidently

a W.T bears S 29°W 490 A.

No trace of other BTs. Set an

Oak post ~~2x50~~ Iron pipe 1½" x 24"

from Witch Mark new trees

A B Oak 15" dia N40°E 74 Lks

A W " 12" N28°W 185 A.

Sec 32. Var 21°15E

No Sun.

J.W. Cole
Lou. Smick
W.C. Stone
J.B. Smith

Thence East.		+7°30' 300	297½	On Offset of 8 A N
			32⅝	
Set A large Oak Stake for				On True line
Cor. bet Stone and Smith				
R. 85°15		-5°15		S 4°45'E from Offset hub
	S 4°45E	S 4°45E 160	159½	

35						
				-9°30'		
				300.0	295.8	
				-2°		
				290.0	288.3	
				+5°	1239.1	
				300.0	298.9	
				+14°20'		
				203.9	197.3	
	2°36'					
No 1	L 1°19'					
				+3 3°		
		S6°10E	S6°04E	185.5	185.1	
	0 18'					
2.	R0°10'					
				+24°30'		
		S6°10E	S5°54'E	297.1	270.4	
	2° 39'					
3	L1°19'					
				+19°		
		S7°00E	S7°23E	290.0	274.2	
	5°21'					
4	R2°42'					
				+20°	1380.7	
		S4°40E	S4°41E	300.0	282.0	
	56 54'			+22.5		
5	R28°27'			106.6	98.8	
				+8.5		
		S23°50W	S23°46W	116.4	115.2	
	128°46'					
6	R64°25'					No 6 1A West of Cor Stake
				+10.0		
		S88°05W	S88°11W	98.2	96.7	
7	L 1°45'					
				-8°15'		
		S86°30W	S86°26W	131.3	129.9	
	110°42'					
8	L 55°22'			+15.45		
		S31°13W	S31°04W	250.0	240.6	

	116°57'				
9.	R. 58°29			+12°30'	
		S89°45W	S89°30W	156 3/4	152 5/10
10	L 90°30'				
		S00°45E	S0°57E	134	
11					

Set at Hub #9 Mark. South 14 6/10 and East 177 5/10 Set Iron post for Cor from which a Iron 8" East 35 Link

#10. 13 4/10 N. of 1/4 Stake

11 = 1/4 Cor. Reestablish from 3 Trees which are alive and standing each bearing scars They check closely for position I did not chop open as I was afraid of killing them. Set an oak post also a Rock 4"x6"x18" and made a small mound of Rock

37

Survey for Stone + Jennings

Begin at a point 330 ft E and 8' N of Cor to Secs. 28-29-32-33

Thence.

1	L 84°23				
		S 89 E	S 89°08 E	+13°20' 287.0	279.3
2	1°02' R 0°31'				
		S 88°30 E	S 88°37 E	+27°30' 230.6	204.5
3	2°13' R 1°06'				
		S 87°20 E	S 87°31 E	+11°40' 88.7	86.8
4	7°08' L 3°33'				
		N 89°00 E	N 88°54 E	-4°30 150.0 / 5.0 / 300.0 / 9.7	149.6 / 298.9 / 9.7
5	0°05 R 0°02				
		N 89°00 E	N 88°56 E		
6	L 0°07'				
		N 89 E	N 89°03 E	57 ±	

7 = 1/4 Cor.

36

T 28 S. 5 W.

March 16-21

Assumed Var. 21°15'

F.S On Hub No 1. Smit-Stone Survey = S 4°45 E

151.9 × Co Sec. 7°04 × Sin 85°33'

151.9 × 8129 × .997

1234.8 × .997 = 1231.1

87°21
85 33
172 54
179 60
7 04



-11° 1235 = 121.5

To fence N + S

Reestablish Cor. from Original Trees Both of which are standing and bearing scars chopped open on tree scribe marks visible Pig and post also Iron plow share

Return to Hub 5 Det Lack. West

	Thence.		S 88°54W		8 10 7	
0= 35± W of #5	L 88°51			96	96	
				-5°20		
		50°03W		208.7	207.8	
1						
				-19°20		
				300±	283.8	
				-15°		
				300±	289.8	
				246±	246±	
				+24°30'		
				300±	273±	
				+33°20'		
2				116±	99.4	
				+29°20		
3				150±	131±	
				+18°40'		
4				126.6	119.9	
				-3°		
5				88±	88.1	
				-7°		
6				194.4	193°	
				+6°		
7				282±	279.8	2221
				+3°40		
8				300±	299.4	
				+13°40		
9				150°	145.8	
					3.4	
					2679.0	2670±

35± and N 96 ft. Set Cor for Stone + Jennings

FS on #4 Det oak stake for Cor.
from Hub 9± S of Cor.

Bet. Stone + Jennings.

Det fir stake from which
a fir 12" N 51° E 11± Lks

Survey for John Luckenbergs
Begin at the NE Cor. of
Sec. corresponding to BT
found it had been chopped
entirely decayed. Ran
Ft.

O = Cr.		Thence.			
		South	South	-10° 234 o	230 5
1					
				-13°15 300 o	292 o
				76 6	76 6
2	184°22 R92°11'				
		N87°50W	N87°49W	125 5	
3	60 59' L 30°29'				
		S61°30W	S61°42W	190 5	
4	28°22' L 14°10'				
		S47°35W	S47°32W	143 6	
5	L 55 22' L 27°41				
		S20°W	S19°51W	322 2	
6	R53°00'				
		S70°W	S72° 51W	75 6	

T 29-5. Portion Cl. 37.
Hadley Cl. Found a tree bearing
last when it was chopped open
open before and old blaze had
N. 12°30 E from the set cor. at 892

Var 21°15 assumed no corr

Note. Survey made to determine Acreage.

Make This Course 413 ft Short. 200 ft deed to Moore

#2. 20' North of E. of Small Cr.
Called in deed.

#3 20' N. Crk.

#4 35' N. Crk

7.	64° 09' R 32° 04'				
8	84° 40' L 42° 20'	N 75° 10 W	N 75° 05 W	235.1	
		S 63° W	S 62° 35 W	-6° 121.5	120.8
9A.					
8	27° 04' R 13° 32'				
		N 61° W	N 61° 32 W	533.6	
9.	11° 43' L 5° 51'				
		N 67° 15 W	N 67° 23 W	379.3	
10.	30° 32' L 15° 16'				
		N 82° 20 W	N 82° 39 W	109.8	
x 11	169° 41' R 84° 51'				
		N 2° 20 E	N 2° 12 E	+4° 128.0	127.7
				+2° 50' 300.9	299.7
				+9° 272.4	271.8
12	174° 26' R 87° 14'				
		N 89° 30 E	N 89° 26 E	898.6	898.6
13	18° 36' R 9° 18'			+ 12° 20' 77.0	75.2
		S 81° E	S 81° 16 E		

In Highway

On River Bank.

B.S. on 7.

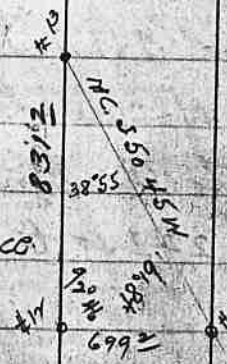
On River Bank.

On R.B.

100' to fence on Twp line on This Course

On R.B.

92° 46
38 55
131 41
179 60
48° 19



4' South of E & W fence

14	23°25' L 11°42'			-5°	
		N87°20E	N87°32E	90.7	90±
15	11°29' R 5°45'			-18°15	
		S87° E	S87°13E	300	284.9
				+17°10'	
				148.7	142±
16	12°51 R 7°26'			-5°50'	
		S79°50E	S79°47E	224.6	223±
17	10°01 L 5°00'			-17°20'	
		S84°20E	S82°47E	75±	71.8
18=0 Beg.	R 84°52				

Triangular Tract.
From #2. North along Cl Line 41.9 ft Thence S65°37 W 100 ft to bed of creek. Then up bed of crik to a line Thence North 24± ft to #2

166 25.4
107 18.9
360 00.3

0 = NE Cor. Hadley Cl 37.
Renewed. This corner from oak B.T. described on previous page set and oak stake set as brace tree 2" x 18" and erected mound of rock. Mark a new tree an oak 30" D 80°E 73.7 ft

Co. Road 50 longer than Courses
S-N = 107.2 RR = 102.7 + 20.0 = 122.7

42

Survey for Eugene Boice
Began Survey of the SW Cor.
which is a rock Near School

SW Cor DLC 51		MC.				
		N. 4°40 E.	71°16 E	+2°45' 300.0 12'	311.7	299.6 17'
1	10° 50 R. 5°25'					
		N 10°00 E.	N 9°41' E	-2° 300.0	1158'	299.8
				858.3		858.3
2	20° 22' L 10°11'					
		North	No°30 W	-3° 300.0	5848	299.6
				-1° 285.2		285.2
3=Bridge	85° 20' L 42°40'					
		N 42°40 W	Solar N 43°10 W	241.0		241.0
20' S. of Cr. 4	67° 30' L 33°46'					
		N 76°05	N 76°56 W	303.0		
20' S of Cr. 5	10°36' R 5°18'					
		N 71°10 W	N 71°38 W	219.3		
20' S of Cr. 6	118° 14' L 59°07'					
		S 50° W	S 49° 15 W	184.7		
20' S of Cr. 7	148° 03' R 74°02'					
		N 55°30 W	N 56°43 W	291.2		

See page 44

41

T 26 S R 4 W

April 8/21

Prather Cl 51

Helpers { L. H. Smick
E. Boice

House Dist No. 11

Deputy = J. W. Cole

L. 93°37 along fence to Sec Cor West.

2:00 P.M. April 8 - 21.

Solar Obs at No 2. F.S. To No 1. Turn Right.
31°42' to Sun MC. = S 41°40 W Alt. = +46°50'
Obs #2 32°52' S 42°40 W Alt = +46°24'

Hub No 3 S. end of Bridge E. Creek 20' North.
No 4 20' S of E. Creek.

F.S. on No. 3. Solar Obs at No 4. 3:40 P.M.
R 109°43' MC S 66°05 W Alt +32°43'
Dec 7°17' Lat. 43°17' True Var. 21°45 E

Solar Obs at No. 4 Boise Survey

Tan L = 43°17 = .9418
" A = 32°43 = .6424

37672
18836
37672
56508
.60501232
20700
.39801

Cos L = .7280
" A = .8414

29120
7280
29120
58240
.612539200

612.54 / .12680000 / 20700
123508
429200
428778
42200

109 43
Cos 66°33'
S 43°10E

Solar Obs. See previous Page

Dec. April 8/21 2 PM. N 7° 6' 17"

2 PM = 10.2 x HC. 56.16. 9' 93.

+ Ref. 2 hrs. 48" 7° 15 50 = 7° 16' 38"

Dec 7° 17' Lat 43° 17' Alt. 46° 50'

Cos Q = Tan L x Tan A ÷ (Sin. Dec / Cos L x Cos A)

Tan 43° 17 = .9418 ✓ 4
46° 50' .9380 ✓ 8
75344
28254
84762
.883408 44 - 8
2646
.6288 = Cos. 51°02'

Cos 43° 17 = .7280 8
" 46° 50 = .6841 ✓ 8
7280
29120
58240
43680
4980.2480 . 8
.49802 / .1268000 / .25476
99604
271960
249010
229500
199208
302920
298812
4108 - 4

#2 Tan. L = 43°17 = .9418
" A = 46°24 = .9523

28254
18836
47090
84762
.896876 14
2525
.6443 = 39° 53 / 38 54

Cos 43°17 = .7280
" 46 24 = .6896

43686
65520
58240
43680
.502028 86

50202 / .126800 / 2525
100404
26396
25101
129500
100404
29096

8	37°27 L 18°43	N55°30W			
9	104.61' R 52°05'	N72°00W	N75°26W.	130.7	
10		N21°30W	N23°21W	-2° 249°	

Connect 2 to 4 for one Course

Send Bill to J Will Beckley
Goncalla Ore

45

Survey of Model Farm.
Begin Survey at NE Cor.
in large Ledge pin RT

Sta	Def.	M.C.	C.C.	ft.	
0			Solar.		
		S87°E.	S89°33E	519.0	
1	L 1°26' L 0°52'				
			N89°25E	792.6	
2	R 90°00'				
		S0°35E	S0°25E	978.8	
3	R 90°21'				
			S89°56W	4.8	
4	0°00'				
			S89°56W	452.3	
5	L 90°00				
			S0°04E	288.0	288'
				+6°30' 200.0	199'
				+8°25 216.6	214.5
					701.5
6					

41

On old Fair Grounds. 927-5
of Poor Farm which 1:00 PM 4/11/21
by Gilmond Cole
Offset North 10' Thence East. Danick

Course 0-2 = N89°35E 1311.6

Solar Obs at No 1 78 on 0 Turn
Left 48°33' alt 48°00' 2:00 PM.
#2 " 47°23 " 47°35' 4/11/21
see Next Page.

Hub ℄ Road 30' East and 10' North of Cor
998.8 from ℄ of Road to Dexonville

3.4 East of fence FenceCor 6 North and 3.8 W

Rescrip 707.5'

W4 Tree 9' W and 1.5.

Solar Obs See Previous Page

Dec. 8°23

Sin = .1458 L = 43° 13 = Tan .9396 Cos = .7388

A = 48° 00 = 1.1106 " = .6691

56376
9396
9396
9396
1.043519 96
2990
.7445 - 41°54
48 33
90 27 = 41°33 W

48764 / .14580000 00 / 1.299
97528
482720
438876
438440

#2

L = 43° 10 = 9396 Cos .7288

A = 47° 35 1.0945 " .6745

46980
37584
44564
9396
1.0783920

4916 / 14580000 / 2965
9832
47480
44244
32360
29496
28640
24520
4000

10.284
2965
.7319 = Cos
Cos 42°57
47 23
90 20
N 89° 40' W.

7288
2915
5101 6
43728
4915 7560

Fence E line CR

Dead + 6.75 Ch = 446.

460

444

New Fence 4 Strand

Old Fair Ground Fence

1308 Ch

Meas 628

Meas 706'

10.77 Ch

Meas 1281.6

Dead 1275.8

N 76° 05' W

Survey for Marks & Wollenberg

Began the Survey at the T26S R6W. Two Bearing Trees set at the 10" O Oak. dist run QCB & Oak. B9 bears S38°15W

0	Corner	and run South			
		South	S0°51E	+3° 210.7	210±
1	8°34' L4°17'				
		S4°00E	S5°08E	+17°20' 90±	85.9
2	170°37' L85°19'				
		S89°30E	N89°33E	+3° 231.4	231±
3	0°16 L0°08				
		S89°30E	N89°25E	-6°30 110.4	109.7
4	R.0°59 R0°28'				
		S89°00'E	N89°53E	-21°30' 181.8	169.1
5	0°16' L0°09'				
			N89°44E	-21°30' 213.3	198.4
6	44°06 R.22°04				
		S67°E	S68°13E	68.7	68±

7=See Cor. See Next Page

Jordan Valley. 4/15/21 J W Cole L H Smith H Marks Woods

NE Cor of the Fitzhugh Ats. standing Cor, bearing scars S69°30E. 27.7 ft from which 14.5 ft. a 4" set oak post 4"x4"x40" for Var. assumed 21°45E

Renewed. Cor. to Secs 20-21-28-29 T26SR6W from original tree as follows. A 48" B Oak standing 80.5 ft. A 30" W. Oak " " " bears S71½°E 131.0
A Snag of a B Oak " " " bears S53°30W
A large Oak down. bearing " " " Scar — " " (1548 N80°45W)
Set an Oak post 4x4x40" Solar Scar bears N85°E 108.0 ft. for Cor.
Also
Should be N1°30'W.
4/15/21 P.M. 2:35 = Dec. 9°51'

7=Cor	L 113°17' (226 33)					
		No°25W	N1°30'W (1°30')	177.9	177.9	
8	R 1°20' (2°40')					
		North	N0°10'W	300-		
				218-	518-	
9	0°00'	North	"			
				-2° 300.0 (303.1) 8'	299-	
10	0°00'	North	"			
				-3°20' 242.5	241.0	
11	0°00'	North	"			
				+1°30' 252.5	252.4	
12	0°00'	North	"			
				+10°20' 217.6	214-	
13	0°00'	North	"			

Solar } Set at 8 F.S. on 7 Turn R 53°57 To Sun AH 44°57
55°09' 44°20
Var N6.5 44°30W 21 43°18' A = 9410 B 3318 6092 = Sin 53°57 52.28 = N01'
S1°39E
Changed To True Var 21°05'E A = 9207 3280 5927 = Cos 55°09 S53°39W
S1°30E

13	0°00'	North	"	2456	245.6
14	0°00'	"		+7° 2095	2079
15	1° 16' L 0°38'	North	"		
		N1°10W	N0°38W 0°48'	137.0	137.0
16	0° 15' R 0°07½				
		N 0°15W	N0°30W 0°40	-9°45 300° 53 0 3487	2957
17	R86°20				
		N85°45E	N85°50E 85°40'	128	128
18 = 1/4 Co.					
	Thence North.				
18 =	180°00'				
		S85°45W	S85°50W 40	128	128
17 =	Def from BS on #16 R 11°49' 23 9				
		N11°E	N11°19E 11°09	-9° 1188 ✓	117.6
19	16 31 18°15'				
		N2°50'E	N3°04'E 2°54	-2° -220° 219.2	
				+18° 2326	226.7
20					

5:00 PM 4/15/21
8:30 AM 4/16/21

1/4 Cor. bet Secs 20 & 21

Drowned this Cor from original B.T.
a. W. Oak S83½ E 186 ft
a. W. Oak down & decayed N55°W 178 ft
Set 4 x 4 x 40" Oak post also and mark
New Tree a. W. Oak. 10" S12°30W 33 ft.

Near Hill Top

20	22°54 L 11°28				
		N8°30W	8°34 N8°24W	— 78.4	78.4
21	20°59' R10°29'				
		N1°50E	1°55 N3°05E	-2°40' 300.0 +7°10' 137.1	299.7 136.0
22	1°47' L0°54'				
		N0°50E	1°01' N1°11E	-4°30' 300.0 -4°- 300.0 -1°30' 228.0 -3° 300.0 +3°40 300.0 +3°30	299.1 299.4 227.9 299.7 299.4
23.	L91°11		S89°50W West	124.7 68.5	124.5
24			N0°10W North	32.4	
25 = Sec Cor.					

Cor to 16-17-20-21

Set this Cor from the rotting remains of original B9s Mr James Cooper testifies that he had seen scribe marks on 15" W Oak which was down and decaying

51

Cont'd from previous page

Remains of all trees check exactly for. direction + distance

along approx. S bdy. D.L.C.

21					
		N 1°55 E	N 1°00 E	-10°	
				122.4	120.5
	184° 10'	N 1°50 E	N 2°05 E		
0	L 0°05				
		West	S 89°50 W	26.3	26.3
			~~West~~		
1	0°00				
		West	S 89°50 W	233.7	258.9
			~~West~~	25.2	
	1°40				258.9
2.	L 0°50'				
			S 89° 00 W	-15°20'	
1.00			~~S 89°10 W~~	260.3	250.7
				-7°	
				260.	258.2
				+14°30'	
				230.	222.7
				-2°	
				260.	259.8
					108.9
				~~159~~	~~150.9~~

3.

50

also an iron pin 1/2" x 36" set a 4"x4"x40" oak post for Corner and marked new trees a

W. Oak 20" N 42°15 E 122.3 ft.

W Oak 30" N 17°50 W 224.2

Near S Bdy Rayner D.L.C.

on Sec line

3	133°45' L 66°53'				
		S21°30W	S22°07W ~~S22°17W~~	+6° 88°	87.5
4	56°30' L 28°10'				
		S7°00E	S6°03E ~~S5°53E~~	-1° 279.9	279.9
5	5°43 L 2°51'				
		S9°00E	S8°54E ~~S8°44E~~	+18°40' 159.5	149.2
6	34°41' L 17°21'				
		S27°00E	S26°15E ~~S26°05E~~	+8° 118.6	117.4
7	53°56 R 26°58'				
(approx Cor 8)	179°36 R 89°49'	South	S0°43W ~~S0°53W~~	117.3	117.3
		S89°45W	N89°28W ~~N89°18W~~	+1° 255.9	255.9
9	2°43 L 1°22'				
		S89°00W	S89°10W ~~S89°20W~~	-13° 220°	214.4
10	14°07 L 7°01'			70.4	
		S81°45W	S87°09W ~~S82°19W~~	+12°45 186.6	182.0
11	29°30 R 14°45'				
		N83°15W	N83°06W N82°56W	+11° 113.4	111.3
12					

53

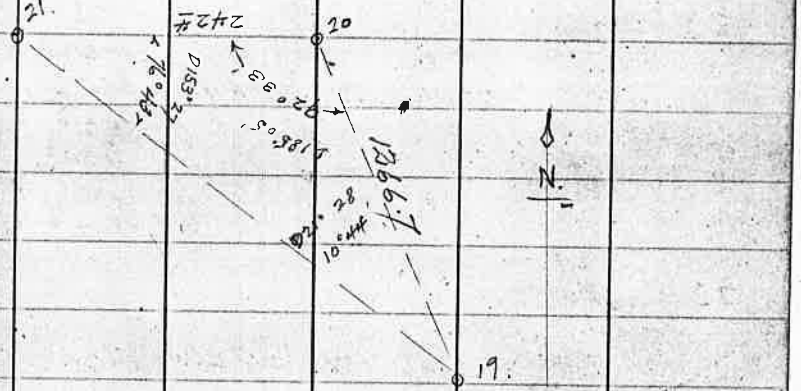
			N83°06W		
			N82°56W		
12	14°57' L 7°59'				
			S 88° 55W	+8°30'	
		S88°40'W	S89°05W	2215	218 1/8
13.	1°23' R0°44'				
			S 89°37W	+1°30'	
		S89°30W	S89°47W	2440	2440
14	11°18' L5°39'				
		S84°00W	S83°58W.	915	915
Approx Ctr (15)	16°31' R8°16				
		N88°00W	N87°46W	-7° 1537	1526
16	0°47' L0°23'				
		N88°20W	N88°09W.	978	978
17	147°09' R73°35				
		N14°50E	N14°34W	-25°05 82.9	75'
18	26°03' R13°02'				
		N1°30W	N1°32W	31°05' 93°	79 1/2
19	30°03' L15°01				
		N16°30W	N16°33W	1266.7	1266.7
20.	L87°27				
		S76°00W	S76°00W	247 4/	247 4/

52

10 44
97 33
76°43
180°00

{Note. Bearings ahead of this point corrected 10' L Acct. Error of Solar at Sec Cor.

Approx Center of Section 19



21	42° 41 L 21°21'				
		S54°40W	S54°39W	671.9	671.7
22	40° 51 L 20°25'				
				-3°	
		S34°20W	S34°15W	197	196.8
23	L 47°00'				
		S12°30E	S12°49E	62.2	62.2
24 = SW Cor. C16					
	13 05' R6°32'				
23 B5	22				
		S41°10W	S40°47W	-2° 800	299.9
				4.2.8 300	299.9
				+7°38 102	101.7
25	9° 56' R4°58				
		S46°30W	S45°45W	420.3	420.3
26	88 20 R44°15'				
		N89°30W	West	216.7	216.7
27					

On Cr. 6 bank
To. S.W Cor. D.L.C. No. 61. set from original B9 which I chopped open and found scribe marks
Set post for Corner also
marked two trees
9 B Oak 36" dia S16°15W 162.5 Lks
9 W " 30" N19° W +5°51.0E 157.5 H
9 Rock 8x10x17 Marks CL 61
bears N.82°E 2.0 Lks.

			Set at Hub #2 West of Intersec		
			line Set.		
			Fore sight #3		
2	R 84° 58' 2°30.				
		N 48° 45 W	N 48° 30 W N 48° 20 W		3585±
△	L 161°46'				
		S 30° 30 E	S 30° 16 E S 30° 06 E	- 20°23 60°	56±
				- 20° 30' 300°	281°
				108°	108°
⊙	L 3°25'	S 33° 40 E	S 33° 41 E S 33° 31 E	- 2° 30' 1218	121.7

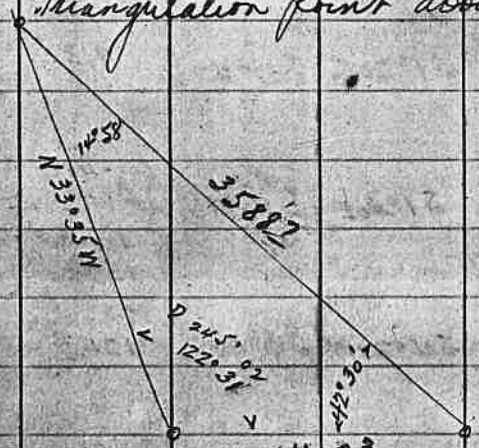
1/4 Cor. Renewed from original BP.
Set. 4x4x40" oak post from which
Original BP bears S 57°E 9.9 ft.
" " " N 17°E 30 ft.

4/20/21 8:30 AM

To Triangulation Point Near 1/4 Cor. on N. Bdy Sec 17

of S Line D.L.C No 61 and Sec

Triangulation point above 1/4 Cor.



14°58
127 31
42 30
178 119
180 59

10993 x Cosec 14°59'
x Sine 57°29
= 4747.4 x .84324

Pick up line at Hub #15 near-

	B.S. on 14.	S83°58W +10'			
15	179 50 L 89°55				
		S6°00'E	S5°57E	+7°30 104.5	103.6
16A	20°19 R 10°09'				
		S4°00W	S4°12W	90.3	90.3
17A	8 32' L 4°16'				
		S0°30E	S0°04E	-9°20 196.0	193.4
18A	1° 28' L 0°43'			-18°	✓
		S1°20E	S0°47E	91.2	86.7
19A	3° 35' R 1°48'				
		S1°40E	S1°01W	-4°30 300.0	✓ 299.1
				+12°30' 135.0	✓ 131.8
20A	8 10' R 4°05'				
		S4°20W	S5°06W	+5°20 124.4	123.9
21A	0° 32' L 0°16'				
		S5°30W	S4°50W	-9° 141.6	✓ 139.8
22A	1°59 L 1°00'				
		S3°30W	S3°50W	127.5	✓ 127.5
⊗ 23A	195 25 L 97°42				
		N86°30E	N86°08E	-3° 172.7	✓ 172.5

4/20/21 11.0° AM

center of Section 20.

Note. { N5°00W mc. N4°28W. Corrected bearing to a point North of 1/4 Cor. on N side Sec. 20.

Too Close to wire for Needle. Fence L 1'

Wire fence 1.5 R

48' On this course. Cross fence.

24 A.	40° 12' R 2° 06'				
		N 88° 30 E	N 88° 46 E		1344
25 A	115° 57' R 97° 56'				
		S 6° 00 W	S 6° 10 W	-3° 300	1296
				-8° 45 230	278
26 A.	119° 57' R 56° 58'				
	Line to check on 1/4 Cor. S Bdy 20				
		S 63° 20 W			
1	0° 00'			-7° 20' 300	295
				+6° 45' 265	263
				-9° 300	296
		S 63° 20 W		190	190
				-6° 300	298
				128	128

2.

Fence 72' L

A fence 39' W A fence 26 North

15° 11'

F S on #25 A. Turn L 75° 36 To 24 A.

	Course	Line from		26 A.	Remarks
		S6°00 W			Page.
26 A.	17 23 L 8°41'				B.S. on 25 A
		S1°45E	S2°31E	262 4	
⊗ 27 A.	175°0' L 87°31'				Fence Cor. 4° S. and 5° East.
		S89°40E	N89°58E	+16 40' 201 3	192 8
28 A.	0° 12' R 0°05				
		S89°40E	S89°57E	+15°20' 170	163 9 — No fence here.
29 A.	0°34' R 0°17'				
		S89°30E	S89°40E	+11° 229 2	225 1
30 A.	0°00'				
		S89°30E	S89°40E	-7° 102 6	101 8
⊗ 31 A.	179 °8 R 89°35'				
		S0°10'W	S0°05E	+4°15 288 2	287 4
⊗ 32 A.	158 23' R 79°12'				
		S79°15W	S79°07W	-2° 88 7	88 6
33 A.	37° 45' R 18°53				
		N82°00W	N82°00W	-16° 145 7	140 0
NE Cor. Q #40	197 55 L 98°58'				
			S0°57E		

Line East from 1/4 Cor bet-
Secs 19 + 20.
Set at Hub No. 17 B & 16

			N0°30'W		
17=0 B.	179 55' R 89°58'				
		N89°20E	N89°18'E	+2° 257.5	257.4
1 B.	1° 30' 1°45'				
		N88°45E	N88°33'E	−1°30' 300.0	299.9
				+4° 300.0	299.9
				6287	
				29.5	29.5
2B	0°00'				
			N88°33'E	+10° 163.0	161.6
3B.	0°00'				
			N88°33'E	+18°45' 195.7	185.3
4B.	0°00'				
		N88°00E	N88°33'E	99.2	99.2
5B	0°00'				
			N88°33'E	17.2.0	17.2.0
6B	0°00'				

3.00 PM 1/4/22/21

			N 88°33' W 36		
6B.	2°51' R 1°26'				
		N 89°40 E	N 89°59 E S 89°51 6	-10° 191.7	188.8
7B	0°00'				
			N 89°59 6 S 89°51 6	+3° 280 8	280 5
8B	4°02' R 2°01'				
		S 88°15 E	S 88°00 6 S 87°50 6	+1°15' 158 4	158 3
9B.	1°19' R 0°40'				
		S 87°30 E	S 87°20' 10 6	— 156 8	156 8
10B.	1°12' L 0°36'				
		S 88°10 E	S 87°56' 46 6	+4° 300° 33 6	299 3
11B.	4°40' R 2°20'				
		S 86°00 E	S 85°36' 26 6	-15°40 87 4	84 2
12 0B.	4°47' L 2°24'				
		S 88°15 E	S 88°00 6 S 87°50 6	-20° 300 0	290.9
				7° 201° 527.8	189 5
				— 37 4	37 4
13B.	184°00 L 92°00				
		N 0°15 W	North.	+17° 166.7	159 4
14 B	0°00'				
		N 0°15 W	North	+2°15' 169°	1689

5°± 4/22/21

8³⁰ AM 4/23/21

Fence. 4' N Also fence. 6' East Course South.

15B	L 40°13'				
		N40°15W	N40°13W	740	
16B					

See Book 21 Page 3
for Continuation of This Line

16B = Temp. N.W. Cor. Ch 43 Set Stake from which a tree (W Oak) about 12" bears S83°E 52.6 ft and a dead W Oak 18" dia bears S37°W 42 ft. No scars visible, this tree S83°E was scared but worm eaten under meath shell and shows no marks.

Renewed Cor. See Field Book 21. Page 14

61		Wollenberg			
	Pick up line at Sub No 11B		S87°56E		
11B=0	172° 56' L86°28'				
		N5°30E	N5°36 E	-4° 161 =	160½
1C.	10° 18' L5°09				
		N0°30 E	N0°27E	-8° 300 = 15½	297½
2C.	4°06' R2°03				
		N2°00E	N7°30E	+3° 289 8	289½
3C.	9° 43 L4°51'				
		N1°40'W	N2°21W	+13°30' 179 1	174½
⊗ 4C	183 58 R92°00'				
		N89°00E	N89°38E	-13° 284 =	276½
5C.	3°28' R1°45'				
		S88°40E	S88°37E	-16°30' 289 =	277½
6C.	1°38' L0°49'				
		S89°15E	S89°26E	-3°70 296 3	295 8
⊗ 7C.	148°34' L74°18				
		N16° E	N16°16E	-7°15 201 =	199½
8C.	27°56 L13°58'				
		N2°19E	N2°18E		

Mean center of section 21

Note: Bearings on Line C" Corrected 10' Left. from original acct. 10' Error in Solar Obs. Page 48

Set at 3C. Solar at 3C. 2 20 PM 4/23/21 F.S. on 2C #1. R 49°31' Alt. 48°34' NC. S52°20'W Dec. 12°36' Lat. 49°18.

E&W fence 2' North

A = 1.0676
B = 45.79
6147
S52°04W
49 31
S 2°33W
N 30
03

7C L 0°26 = NC. N89°45E 64.2ft to SE Cor. Sec 61

Which I renewed from original BT. which was alive and standing and scribe marks visible. Set 4x4x40 oak post

63 Wollenberg

8C	L13°58'				
		N2°10E	N2°18E	+5° 300.0	298.9
				+10' 300.0	295.4
				+3° 148.5	148.3
9C.	3° 19' L1°40				
		N0°10E	N0°38E	+8° 300.0	297.1
				+14° 221.0	214.4
				+14° 300.0	291.0
				28.8	28.8
10C. ⊗	181° 37' L90°49'		S8°		
		N89°45W	S89°49W	+1° 284.0	204.0
1D.	3°45' L1°53'				
		S88°00W	S87°56W	+15° 176.0	170.0
2D.	0°54' R0°28'				
		S88°15W	S88°24W.	+5° 137.7	137.1
3D.	0°00'				
		S88°15W	S88°24W	-3°30' 148.4	148.1
4D	R2°46'				
		N89°W.	N88°50W	-8° 233.0	230.7
5	L52°10	S38°45W	S39°00W	55.7	55.1

To 1/4 Cor

5:00 PM 4/23/21

8:30 AM 4/25/21

Tie to 1/4 Cor Bet. 16 & 21

Renewed the 1/4 Cor. bet. Secs 16 & 21 from original B.T. Tree N35½W. alive and standing. Tree S21¾W down and nearly burned up. distances and directions check. Set a 4"x4"x40 post. Mound of rock mark. near tree S35½°W 11.0 ft. 14" B Oak.

6 L

Wollenberg.

Continue East on Line 6

9C.					
			N0°38E		
10C	R 173 18 86°38				
		N88°00E	N87°16E	+110 300 = 70.3	2944 70.3
11C.	L 14°52 7°26'				
		N80°15E	N79°50E		9472
12C.	R 3°08' 81°35'				
		S18° E	S18°36E	+20 217.5	7144
13C.	L 18°18' 74°09'				
		N87°50E	N87°15E	+13°10' 83.3	81'
14C.	L 0°59 0°31'				
		N87°30E	N86°44E	-8°20' 252.5	2498
Mar. Sec Cor. ⊗ 15C.	R 18°10' 9°05'				
		S84°00E	S84°11E	-4°15' 204.6	2040
16C	0°00'				
		S84°00E	S84°11E	-17°15 92°	888
17C	L 7°26 3°42'				
		S87°45E	S87°53E	-19°30' 274.9	259'

Sec. 16 + 21

98°25
69 12
167 37
179 60
12 23

179 60 / 81 35 / 98 25

11C. 947.7 12C.

12.25 — 77°35' — 69°12' — 81°35' — 21.74

21.74 x Cocec 12°23 x Sin 69°12' 13C

Set (13C) F.S. (11C.) R. 69°12 (138° 23') to (12C.)

Set 15C { R 17°24 = S76 E 42.7 to Sec. Cor

Cor. to 15-16-21-22 from which

a B Oak 4 x 4 original tree alive and standing S 22½ W

Stump of original B.T. S 67½ E 34 Lks.

a W Oak B.T. standing N 56¾ E 40 Lks.

a W " " N 13½ W. 34½ Lks. Set on old post

			S87°53E		
18C.	3°08' L1°34'				
		S89°30E	S89°27E	-18°10 300° 8° 29.9	285' 88
19C.	13°04' L6°32				
		N84°00E	N84°01E	+3°30' 178	178
20C.	17°06' R8°33'				
		S87°30E	S87°26E	+2° 233.9	233.8
21C.	4°44' L2°22'				
		S89°50E	S89°48E	-11°30 120°	117.6
				-9° 191°	188.7
				123°	123°
				+14 153° 137.8	148.5
				+22° 212°	196.6
				53°	53°
22C.	0°00'				
		N89°40E	S89°48E		560.5
23C.	178°11' R89°06'				
		S1°10E	S0°42E		
24C.					

Det 23C. L 4°00 N44°W 26.5 ft. to 1/4 Cor

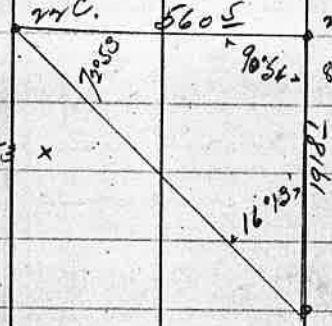
Det 15 + 22 1/4 Cor. Reared Cor. from both original Bearing trees which are alive and standing both trees show scars and check for distance and direction Set oak post 4x4x40 also Mound of Rock.

66

23C						16°13
				-40		9064
			S0°47E	240	239.4	10707
				-14°		17960
				134	130	7453
				-18°		
				240	228.3	
				2°		
				300	299.8	1918' × Cosec 72°53 ×
				2°		Sine 16°13 =
				300	299.8	
				3°		
				300	299.5	
				9°		
				300	296.3	
				125	121.5	
24C.	L 1°005' (2°10)					FS on 23C. Turn L 16°13' (32°26) To 22C.
		S6°00E	S1°47E	-5°30'		
				300	298.6	
				878	878	
25C	R 91°43' (183°24')					Fence Cor. 4' South & 4' East.
		S87°00W	S89°56W	-1°30'		
				300	299.1	
				275.5	275.5	
26C	R 1°12' ∆ 0°35'					
		S88°16W	S89°56W	60	60	
				-12°		
				300	293.5	
				-7°		
				300	297.2	
				-6°		
27C				173.8	172.8	

Cor Stake & Rock 6' South and 13' East

Cor fence 3' South & 5' East



	Tie to Cor	Bet Secs 21 & 22			
		N 89 29 W			
@					
27C.	L 5°45'				
			-3°30'		
		S 84° W	S 84°36' W	300	299±
			2°		
			300±	299.9	
			+3°		
			300±	299.6	
			+2°		
			300±	298±	
			+17°		
			236±	231±	
1 B.	L 133°27				
			-5°45		
		S 48°45 E	S 48°16	270±	268.9±
1/4 Cor Bet 21 & 22					

Presume traverse around ranch

B.S 26C	176°10'				
27C.	L 88°06'				
			+5°		
		S 2°00 E	S 2°25 W	300±	298.9
			+11°		
			300±	294±	
				50.7	50.7
	5°04'				
28C.	L 2°32'				
			-3°		
		S 1°00 E	S 0°07 E	110±	109.8
			-5°		
			300±	298.7	
			+18°		
			195±	185±	
				53±	53±

S 16.7 W 14.19±

S 17.9± E 14.07

1/4 Cor Bet 21 & 22

Renewed the 1/4 Cor from the rotted remains of both original trees which consisted chiefly of Beech

Set 4"x4"x40" oak post also from which

a Beech 10" dia S 54° W 6± ft

a B. oak 10" dia N 30¾° W 16± ft

68

29C	R 0°14' (0°28)			-12° 100.0	97.8
		S 1°00 E		-14.45 300.0	290.1 ✓
				-8.15 300.0	296.9
				-4.0 300.0	299.3
			50°07W	-1.0 300.0	299.9
				600.0	609.0
				238.0	238.0
30C	0°00'			+6° 300.0	298.4
				300.0	300.0
				+9° 274.6	274.6
31C.	R 90°03 (180°05)			-2° 300.0	299.9
		N 89°20'W	N 89°40 W (89°56)	7° 300.0	297.7
				300	300.0
				2° 300	299.9
				9° 300.0	296.3
				3° 300.0	299.4
				427.6	427.6

3 PM 4/27/21
Solar at 29C FS 30C R 62°34 alt. 44°13'
Dec 13°55 Lat 43°18' Page 74 = S 0°19W
From Solar next page S 0°17W

Note Set Hub 4.50' Back for later Reference

Note. Set at 31C. FS. S 89°40E Turned 44°25 To Hub

31C 3' South & of 40' Road 6' East to a point on line with North and South fence

New Solar bearing

32C	0°00'				
				237	237
33C	0°00				
				4° 300	N99 3/4
				2° 300	N99
				237	237
34C	179°03' R89°37				
		N0°10 E	N0°08W	2° 300	N99
				3° 300	N99 1/2
				4° 300	N99 3/4
				3° 300	N99 1/2
Fence N'R. 35C	0°00'				

8362

1198

Hub at intersection of ℄s of Roads 4/28/71 9°AM

Dolan at 31C Set 31C & 30C

R 19°06' A 39°06 S70°E #2 | R 18°15' A 38°24

Dec 14°08 31 Lat 43°17

See Page 73 for Calc.

34C. is 3' West of N & S fence line

1/4 Cor Bet 21 & 28

∠ 79°09' = N79°17 W 547.2 ft. to 1/4 Cor Bet 21 & 28

Renewed the 1/4 Cor from remains of old B.T. Chopped open old scrag of tree N68°30 W and found scribe marks Nothing remained of other tree but stump Set oak post 4"x4"x36 also from which marked

a B Oak 16" dia N68½W 4 ft

a W Dble Oak 24" dia South 68 ft

35C.	0°00				
		North	N0°08W	2° 270°	2698
				8° 300°	297.1
				11° 300°	294.5
				14° 222°	215.4
				9.7	9.7
36C.	0°00'				
		N0°45W	N0°08W	94'	94'
37C	0°00'				
		N1°00W	N0°08W	−7° 241.9	240'
38C	181°01' L90°31'				
		S88°00W	S89°21W	7° 159.5	158.3
39C	1°16' R0°39'				
		S89°30W	West.	−8° 300°	297'
				70°	70'
40C	175°06' R87°33'				
		N3°50W	N2°27W	7°30 300°	297.4
				15° 171.4	165.6
41C					

Fence. 6' L.

Fence. Cor N 3' + E 4'

41 C	1°01' R 0°30				
		N 3°00 W	N 1°57 W	16°40' 207.0	1983
42 C	0°00'				
		N 4°45 W	N 1°57 W	2° 124.9	1748
43 C	5°06' R 2°33'				
			N 0°36 E	-7°30' 216.0	2141
44 C	7°08' R 3°34'				
		N 4°00 E	N 4°10 E	+2°20 194.4	1941
45 C	5°18' L 27°09				
		N 23°20 W	N 22°59 W	+11°45' 131.0	1181
46 C = 11 B	L 64°44'				
		N 88°00 W	N 87°43 W		

Near center of section 21

= N 87°56 W on old line 13' error

71

73

Solar Obs. Page 69

9:00 AM 4/28/21 Dec. 14° 08' 31 Lat 43°17

Alt 39°06 Sin .24431

Tan 39°06 = .81268 Sec 49°06 = 1.2886
" 43°17 = .9418 " 43°17 1.3737

650144
81268
3250?2
731412
.76538?24
43?46
.33?9?
= S 70°33 E
1906
889396
90?060
90?060
354630
.43?4653446

Tan 38°24 = .79?6 Sec 38°24 = 1.2760
43°17 = .9418 " 43°17 1.3737

63408
79?6
31704
.71334
.74647068
4?8?4
318?3. = 5.71°24 E
18 15
889 416

90207
38658
90?07
38658
12886
1.7701498?
.24431
177015
531045
708060
708060
354630
1.75?841?0
24431
1.75?84
5?585?
701136
701136
350568

74

Stone + Smith + Jennings acct.

Time copying field notes

Carfare twice

	1.00
	2.80
	3.75
	15.00
	15.00
	7.50
	5.00
3	50.05
	16.68

March 14

" 15

" 16

" 17

Recording

Solar obs page 68

DEC 13°55 Lat 43°18' Alt 44°13'

Tan. 44°13' = .9730 Sec. 44°13' = 1.3953 3

" 43°18 = .9424 " 43°18' = 1.3740 6

38920
9460
38920
87570
.91695.520
4611
.45585 = 56°.53 W
6 × 34
80°.19 W.

558120
97671
41859
13953
1.91711.200
.2405
958.55
766.841
38347
.46 | 0.6755

5

74

S49°50'16"W 1400 Ch

S36°30'44.97"W 3700 Ch

S42°E 170 BC

75

Hudson Job Solar at No 25

Lat 43°38 Alt 14°39' Dec 9°38' Sin = 16734

Tan 43°38 = 959 S Cos 43°38 = .7238 ✓

Tan. 14°39 = 2614 ✓ " 14°39 = 9675 .

3836
959
5754
1918
.2506826

36190
50666
43428
65142
.70027650

8 3 4

70028) 167340000 (2388
140056
272840
210084
627560
560224
67336
7

2507
4895 = Cos 60°41' W
4624
19705
17960
Solar N 79° 55 W
CC. N 72 35 W
Solar is 7 20

25

Solar Obs Hudson Job T 218-7

Set at No 13 98 1/2 F 52°05 Alt 27°29'

Dec = 10°31'14 Lat 43°38'

L = 43°38' Tan = .9534 Cos = .7287 ✓

A 27°29' H = 5202 ✓ = .8872 ✓

Dec = 10°31' Sin = .18252 ✓

9534
5202
19068
47670
495868
2841
.78906 = Cos Q.

19068
47670
495868
2841

8.872
724
35488
17744
62104
6423328
64233) 18250000 (284
128466
540240
513864
263760
256932
68280
64233
40470
6

Q = D 38°41' E
52°05
90 49 E
179 60
Solar N 89° 11 E CC. East
Solar 1 49 -

Solar Obs Page 25

L = 43°38' A = 18°18' Dec = 10°03'

Tan L = .9534 Cos L = .7238 Sin D = .17451

" A = .3307 " A = .9494

19068
66738
28602
28602
.31538448
2539
5692

2895
6514
2895
6514
.6871757

55°18 W
48 25
56°53 W
57°11 W
Solar is 1 18

Cos Q Q = 55°18 W

76

Feb 25

Feb 9° 10 42 — 55.650
9 17

9° 01 25 − 1' 30 = 9° 00' 00"

Dec. 9°00' Lat 43°36' A 32°15

L 43°36' Tan = .9523 Cos = .7242 Sin 9°00' = .1564

A 32°15' " = .6309 " = .8457

9523
18928
12619
31547
56785
6008538 5

506 94
36210
28968
57936
6124559 4

61246 | .15643000 | .2554

12 24 92
33988
30623
33150
30623
25270
7

.2554
6009
.8563 = Cos Q

Q = 31°06
1706
14°00

Wrong altitude

See next page

5.21 v
2 v
10424
1042
1146 v
160
55

45°36
1°55
43°36

Dec. = 9°00' Sin = .1564 3

L = 43°36 Tan = .9523 Cos = .7242 6

A = 32°55' Tan = .6473 Cos = .8395 7

28569
66661
38092
57138
.6164 2379 -7

36210 6
65178
21726
57936
6079 6590 -6

60797 | .15643000 | .2573

121594
348360
303985
443750
425579
18171 0

.6164
.8737

S 29°06 W
17 06
S 12 00 W
MC +5 12° 11 W

Var. 22°00' − 11' = 21°49' Correct Var.

77

Elkton Trip

Carfare		5.72
Meals + Bed.		5 00
Stage		5 50
Time 2 days.		30 00
		46.22

Collected.

Chevers	6 00
O Haines	1 00
Helms	1 00
Wells	19 00
Hudson	19.00
	46 00

22

1921 Elkton Trip Expenses

Feb 13	Carfare	2 @ 1.43	2.86
	Meals and Bed	2 @ 1.50	3.00
14	Stage	2 @ 1.25	2.50
	March		
2	Meals at Wetherbys 2		1.00
	Stage		3.00
	Supper. Dram		1.00
	Carfare		2.86

Warren Cheevers Survey

Feb 25-28

4 days @ 15 00		60 00
1/2 " for recording		5 00
Field Notes + Phone		1 00
Portion for Expense of Trip		6 00
		72 00
A W Cheever Pd.	54 00	
Alfred Haines	12 00	
Roy Wells.	6 00	
	72 00	

	X					X																			
Feb	S	M	T	W	T	F	Sat	S	N	T	W	Th	F	Sa	Sun	Mon									
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1								
Taylor - H	H																								
Dibbs - -	H	8	6																						
Roy " - -	-	-	-	2	8	1																			
Holmes -	-	-	-	-	-	H																			
Hudson - -	-	-	-	-	-	H	6	8	8	8	8	H													
Holms												H													
Cheever																									
~~Trip to Assawi~~																									
													8	8	8	8									

- 26°30
2120
25°02.5'30

N23°41 E

1 85
212
1790
895
1790 40
2329
4 miles

N23°41 E
138 mi
23°41 E
1790
115.00
1790
179.60
N 63°00 W
4700
232 mi W
774
232 mi W
903
2329
1790 40
895
1790
212
1 85

N 23°41 E
138 mi
141 14
179 60

S 23°41 W

Apogee
15 88

D
22 Feb

Perigee
1 Mar

S 23°41 W
N 41 R 44
0022°41'W
1227.5
0.0
1227.5

N 23°41 E
138 mi W
14 38 41
0.0
11900
11900