366

366

170

366

SURVEY Nº 170

OF THE

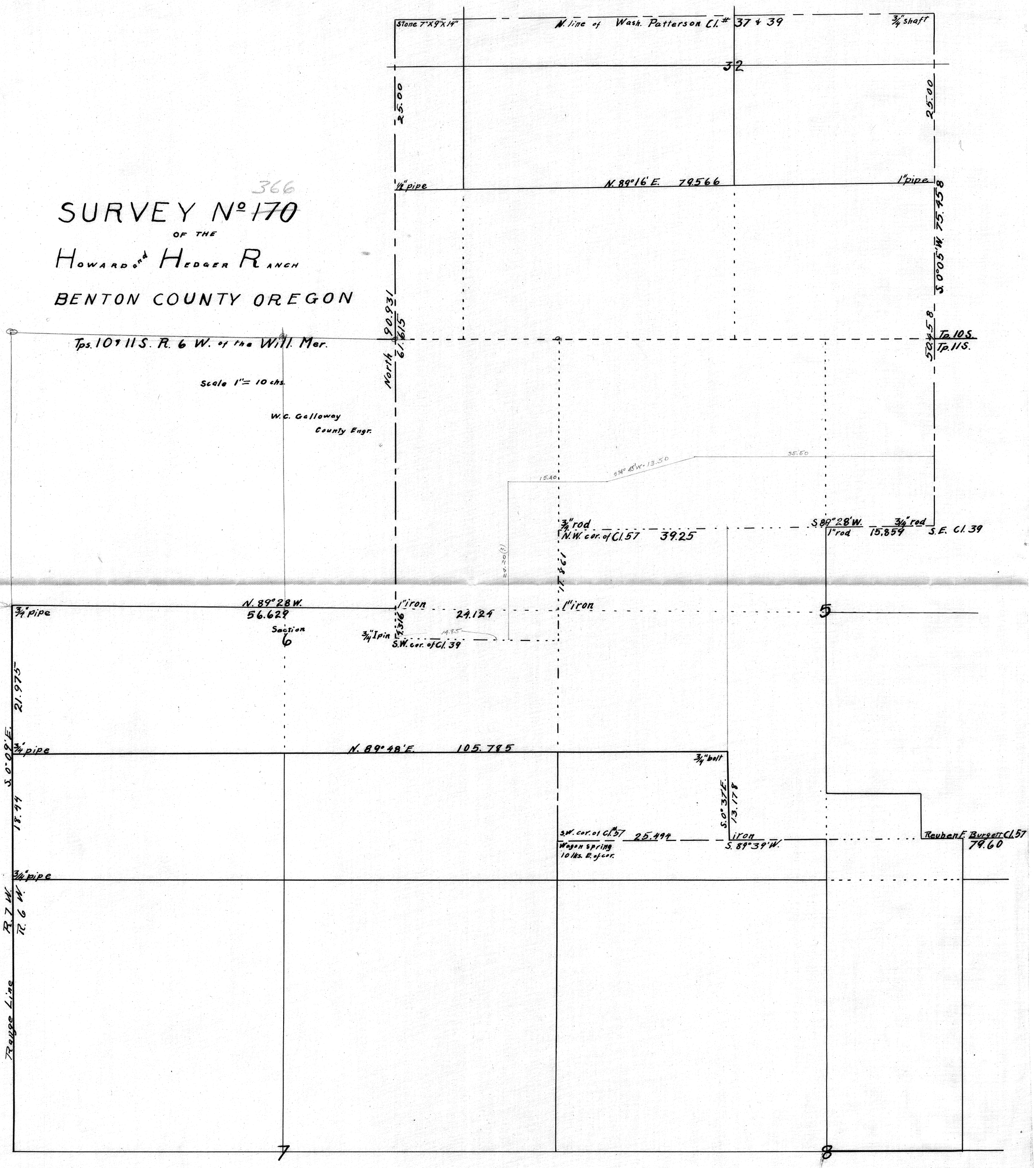
HOWARD and HEDGER RANCH

BENTON COUNTY OREGON

Tps. 10 & 11 S. R. 6 W. of the Will. Mer.

Scale 1" = 10 chs.

W. C. Galloway
County Engr.



46 Recorded. F/B #14, Pg 46-55 11-6

Survey #170 For Howard & Hooper

N.W. cor. of Wash. Paterson #37 & 39

Stone 9"x9"x14" oak stump found

Fir 30" S. 1° E. 3.10 STA

Oak 15" N. 14° W. .20

#366 Running South on W. line of C.137

S. 00° 13' E.

		correction	+.131		
1		+4°35'	3.784		
2	L Right	1°45'	12°	1.034	offset .031 W.
3.				.780	
	L Left	5'.	4°	8.000	
4			2°30'	2.510	offset .015 E.
5	L L—	45'	1°	2.313	offset .030 E.
6			2°30'	1.462	
7			9°5'	5.053	
				+.198	
				+.111	

Set a ½" pipe

Fir 24" S. 4° E. 299. chs.

8			+1°5'	2.740	
9			-5°45'	5.718	
10	L R—	16'-	-6°55'	3.296	offset .015 W.
11			-7°15'	4.446	offset .020 W.
12	L L—	2°3'	-5°50'	4.000	offset .142 E.
13			+6°35'	3.255	offset .112 E.

March 11, 1913

J. E. Snyder

Howard Chapin

1.034 10.484 2.312

5.187 .341 .931

9.306 10.488 1.312

7.223 4.195 2.693

.821 .524 .620

10.112 .015-207 .030 2.5-

4.593

3.036

13.027

5.053 3.272

.341

6.481

4.547 1.368

1.963

4.042 1.463

.353 .020

3.1152 .14

4.995

3.296 4.446 3.980

.299 .299 .753

2.966 1.001 1.190

.065- .400 .088 .198

.022 .027

7.174.103 .1423.5

.92

4.410 3.255 3.119

1.485 .753

7.682 2.295 .935

.564 .162 .155

.298 .024 .218

3.029 .012 .021

4.604

3.1194 .1115

3.572

3.771

1.011

.780

7.981

2.507

2.312

1.450

4.990

24.802

2.739

5.689

3.272

4.410

3.977

3.117

48.206

47

14			- 7°45'	1,718	
15			- 5°35'	4,765	
16			- 5°35'	2,270	
17	LR—	8°57'	- 13°15'	2,195	offset .332 W.
18	LR—	32'		2,446	offset .023 W.
~~19~~	LR—	1°7'	- 7°45'	7,662	
19			- 4°10'	2,584	offset .198 W.
20			- 5°30'	6,187	
21			+ 16°37'	2,227	
22			+ 17°20'	3,331	Mon. 12,
23			15°25'	2,969	
24			10°10'	3,018	
Neest.				+ 1.001	
S.W.	Striking E. of cor.			.035	
	set ¾" I. pin.				
	Fr 20' S. 82° E. .35+ stl.				
	" 40' West .70' "				
	Back to ⊕ 7 24602 s. & N.E. cor.				
	East correction N. 44'				
25			8°	1,291	
26			9°30'	2,935	
27			9°50'	4,373	
28			10°15'	1,386	
29			12°51'	5,896	
30			10°50'	5,253	

Ralph W. Emmerson

48

~~31~~				
	L Left 1 0'	8°	8.000	
		2°30'	8.000	
		1°30'	8.000	
		6°15'	8.000	
		15°50'	1.484	
		9°45'	4.310	
		18°28'	6.836	
		7°10'	1.050	offset .876 N.
31				offset .067 N.
32	L Left 47'+		4.935	
33		5°50'	4.979	
34		2°50'	4.131	
			-.375	= 79.566
			5.135	
	Set 1" pipe			
	Ont 9°S. 45°50'W.		.344 chs.	
	" 10°N. 77°30'W.		.256 "	
35	North	4°30'	2.337	
36	correction 5.5' L Tl. Left 19'	12°5'	4.797	offset .019 E.
37	L " 24'	4°40'	1.421	offset .010 E.
38	L Left 22'	2°10'	2.877	offset .018 "
39		5°45'	1.150	Mar. 13
		7°30'	8.000	
40			.626	
41		12°5'	3.771	
			+ .101	
	Reset.		.352	
	Striking E. of cor.			
	N.E. Wash. Paterson #37			

7927 + 1.484
7.992 9.476
7.997 13.356
7.953 8.900
1.428 .29
4.248 1.427.5
6.484 7
1.042 71.050
91.299
45.066 9.450
9.971 9.445
21
45.066
40.553 91
1.802 1.041.7
405
87.832 4.935
4.631
45.066 4.935
18.999 1.480
296
40.559 34
40.559 .067.45
4.055 .010302
360.4
45.057.2 1.150
2.875 .08597
.046 10.350
17.250 10.355
11.250 .9
01.400 1.145.1
3.690.2

4.310 6.836
.0558 13.849
38.780 61.524
3.448 2.734
21.5 .546
21 3.4
42.476 6.483.8 .4
.012267
4.979 79.56
4.797
28.499
47.811 46.779
4.481
.199 43.173
.39 33.570
33.5
.38
4.953.0
1.476 46.904
.696 7.045
.8456 18.760
1.322.4 .328
.118
.019088
.010302
3.774 offsets N line
4.877.9 .198 N.
.878 N.
.067 N.
.043 N.
3.396.4 .011 .135 S.
2.641 1.008 N.
.264
.30.1
3.690.2

20.864.7
45.057.3
4.935.3
4.953.3
4.126.7
79.935.6
.873
79.560
2.330.8
9.690.1
1.476.2
2.875.7
1.145.2
12.516
7.932
.626
3.690
.101
24.865

Set 3/4" shaft
Fir 40"S. 13°E. .25 chs std
" 40"S. 10°W. .10 stump.

49

Back to △34

42	South		43'	6763	
	correction 5' N.				
43			6°30'	4.023	
44	L Right 27'		4°35'	5060	offset .040 W.
45			1°10'	3.017	
46	L Right 38'		2°45'	3.762	offset .041 W.
47	L "	38'	+2°15'	4274	offset .047 W.
48			+2°20'	1,678	
49			7°5'	7.993	
50			10°20'	2764	
51	L Right 1°16'		12°15'	3.718	offset .040 W.
52	L "	1°1'	1°	7.673	offset .136 W.
				+ .094	
Recst.				.100	
	Striking E of cor.				
S.E.	Set 3/4" rod				Mar. 13.
	Oak 24" N. 33° E. 39' std.				
	24" N. 15° W.		1.01 "		
Thence	West on S. of Patterson L.				Mar. 14
53	correction S. 31/2 L Left 14'		6°55'	5823	offset .024 S.
54			2°35'	2,199	
55			2°15'	2048	
56			9°5'	1306	
57	L Left 5'		15°27'	4.768	offset .007 S.
				+.051	
				S. .208	

75.458

5044 3758 4270
387 5011 5011
35306 3758 4270
4035 3758 427
252 16 21
03.9579 04.151.047 18

2.767 3.718 3632
25382 32779 1122
24871 3346 2 724
2252 2602 86
13 260 3
1 1
2.7182 1
3.6332

offsets
.252 E.
.017 N.
.333 E.
.010 W.
.323 E.
.018 E.
.341 E.
.040 W.
.301 E.
.041 N.
.260 E.
.047 N.
.213 E.
.080 W.
.133 E.
.136 W.
.003 W.
.100 W.
.103 N.

5823
27299
52407
52 46
1 40
57804
5707
231204
404
.023527

.00137 = 5'
.103
7 5458
27 3720
2 2634
49.0460

1306 7.768
64789
11754 42912
1044 2860
99 143
38
1.2899
459.55
5411
4598
1439
229
.0663

24.865
4783
3.997
5.044
3.016
3.758
4.272
1.674
7.932
2.118
3.632
7.671
.094
75.458

5.780
.100
5.680
2.197
2.046
1.289
4.594
15.808
.051
15.859

50

	LLeft 33'	6°50'	8.080		
		4°15'	8.080		
		1°30'	8.000		
		1°35'	8.000		
		4°25'	2.869	offset .334 S.	
58					
59		2	4.505	offset .043 S.	
			+.018		
West.			.191		
	Striking N. of cor.				
Int.	set a ¾" I rod	Stump + stump hole			
	Fir 11" S. 15°35' W. .1025 cks.			Mar. 11	
	" 18" S. 7°15' W. .598 "				
	Back Δ 58				
60	South	2°25'	7.222		
61			4.712	Mar. 15	
62	S. 89°25' W.	12°52'	4.986		
			-.051		
¼ sec. cor.			.072		
	striking N. of cor.				
6|5	Set 1" X 24" iron	2 stumps		Mar. 15	
	Fir 19" S. 34°30' E. .103 cks.				
	" 8" S. 85°30' W. .213 "				
	West				
	correction N. 33'	9°10'	3.293		
63					
64			2.493		
65	LL — 37'	16°48'	2.194	offset .022 S.	
66		11°6'	1.431		

Offset 50.589 4.502 .018 55.109

55.109 15.808 7.943 7.978 7.997 7.997 2.826 50.589 4.502 .018 55.109

4.810 4.520 .044 .290 .044 .290 7.215 4.712 .072 11.999 .049 12.048 11.857 .051 3.251 2.493 2.077 1.404 9.276

3.293 2.194 3.2789 .9637 .2634 .230 .022 1.431 1.4040

offset .072 N. .022 S. .050 N. .028 N. .078 N. .155 S. .063 N. .114 S. .055 .047 S. .068 S. .055 N. .013 S. .794 N. .784 .726 .542 .484 .058

51

67				2.198	
68			-7°45'	1.268	
69			+7°25'	5.479	
70	Lt. 9+	19+	-5°25'	5.018	offset .028 N.
~~71~~			10°	+ .963	
	N. 16' W. (To 22)		15°45'	1.680	S. of △ 22 Engr. checked
Intersection of	N. of Sec. 6 & D.L.C. line			W..019 N..155	
	Set a Maple 10" S. 64°40' W. 519 lks.				
71			7°40'	3.614	
72			6°10'	5.639	
73	Lt. of	7'	1°	7.725	offset .015 S.
			10°40'	8.000	
74				.593	
	Lt. of	36'	6°55'	8.000	
75			9°35'	2.966	offset .114 S.
76			2°35'	1.653	offset .017 S.
77				7.044	
78			3°20'	1.013	
79				1.120	
80			11°15'	.730	
81			11°16'	3.019	
82			11°36'	2.498	
83	Lt. 9+	10	14°11'	3.229	offset .055 N.

N. 89°27' W. 80.733 through Sec. 6

52

87			6° 20'	1.094
84				.123
	Rest.			-.005
1/6	Striking S. 2 cor.		8°	.802 = .794
	Set 3/4" pipe		orig. cor.	fir stump
	Oak 12" N. 14° E.	2.00	cks. Stl.	
	Fir 8" N. 77° W.	.339	"	
				W. .005
				S. .794
	South correction	E. 9		
85			8° 5'	2.219.
86			11° 57'	5.526
	L Right	1° 42'	11° 30'	8.000
				.689
87				
88			6° 5'	5.707
				-.518
				E. .319
	Set 3/4" pipe			
	Fir 30" N.	83° 20' E.	.411	cks.
	" 12" S.	19° 30' W.	.278	cks.
89			1° 30'	.920
90	L Left	1° 24'	11° 36'	4.477
91	L Left	1° 36'	23° 9'	4.172.
Rest 92	L Right	21'	105°	7.926.
Sec. cor.	L Left	15° 36'	15° 45'	.776
1/6	Set 3/4" pipe	2' N. of creek	30 lks. wide	
.12/7	Dead Fir 36"	N. 10° E. 5.3	cks. Stl.	
	Maple 12"	S. 72° 30' E. .78	"	" (S. 76° E.)
	" 12"	S. 6° 30' W. .46	"	" (S. 10° W.)
	" 6"	N. 57° W. .59	"	" (N. 52° W.)

Mar. 18

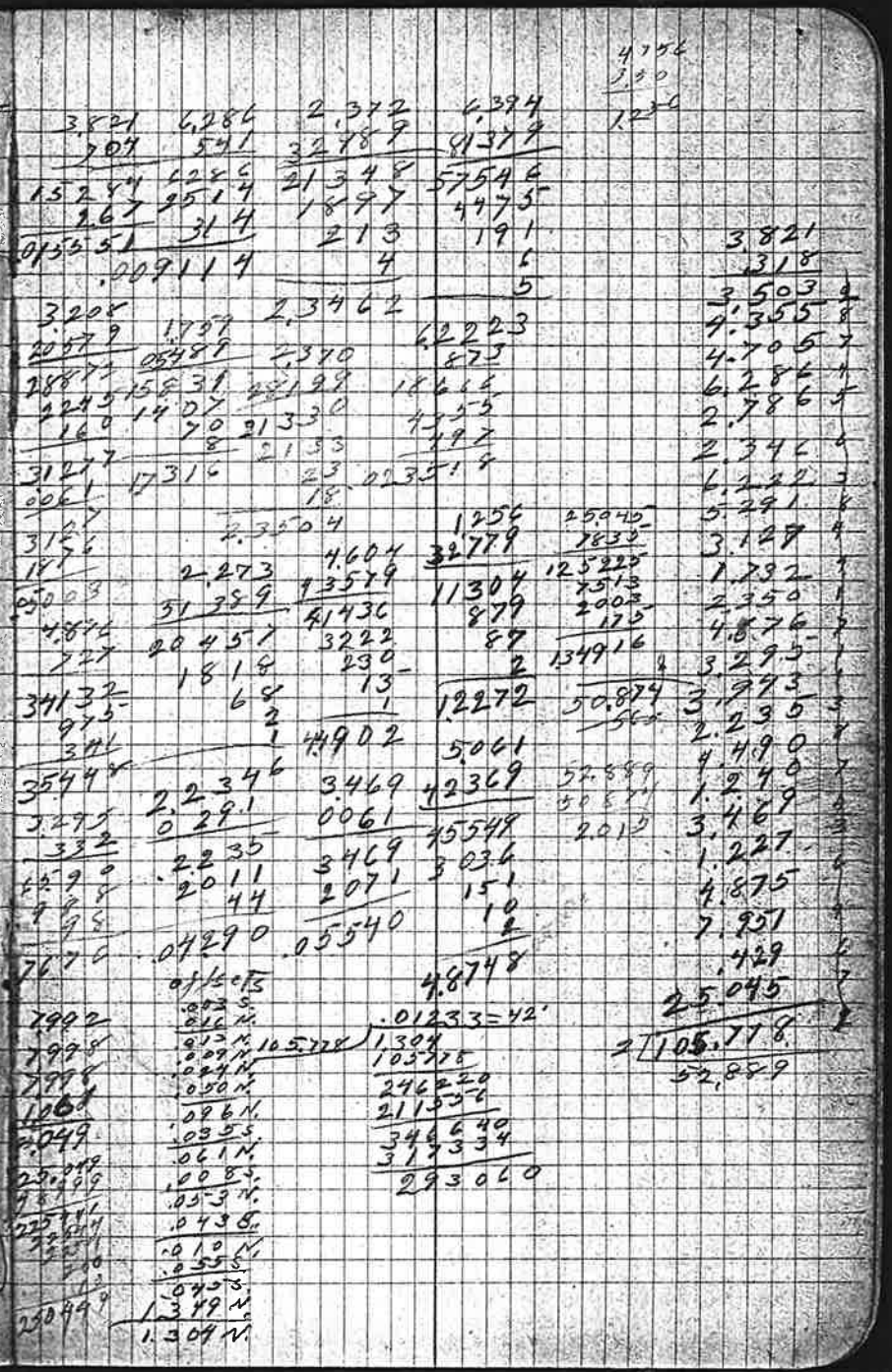
offset .233 W.

offset .107 E.
offset .107 E.
offset .048 W.
offset .201 E.

Mar. 18

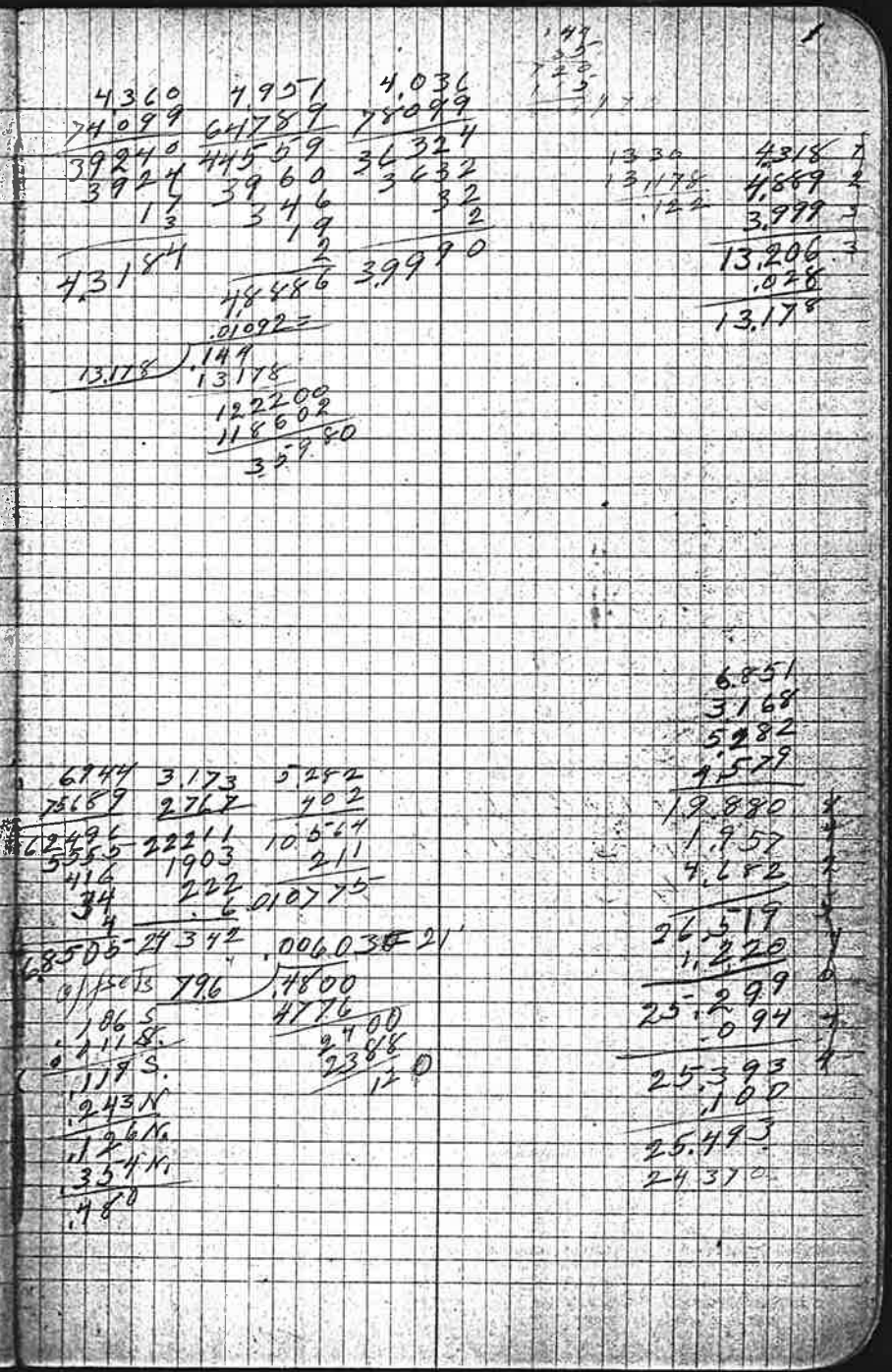
53

	Back to Δ 88		N. 578 or 18.94 N. of Sec. cor. Δ is N. 316 S. 003		
	S. 89°30' E. correction N. 42'				
93	L Left 14'		7°5'	3851	offset .016 N.
94			6°50'	4386	
95				4705	
96	L Left	5'	2°30'	6292	offset .009 N.
97			3°	7490	
98			8°25'	2372	
99	L Left	13'	13°18'	6394	offset .024 N.
100			"	5292	
101	L Left	55'	12°50'	3208	offset .050 N.
102			10°5'	1759	
103			7°20'	2310	
104	L Right 25'			4876	offset .035 S.
105	L Right 8'		4°10'	3303	offset .008 S.
106			4°15'	3957	
107	L Right 126'		10°32'	2273	offset .043 S.
108			12°45'	4607	
109			6°15'	1241	
110	L R—	55'	5°15'	3484	offset .055 S.
111			12°15'	1256	
112			15°35'	5061	
			6°20'	6000	
113				429	
	L Left	305'	2°35'	8000	(Measured N. 1931 ft. Measured E.
			1°20'	8000	



54

			1°20'	8,500'	offset N.
				1067	1.349 25.045
114					
	To stake - Mag. 11D				
	Set ¾" bolt 42 l-lg				
	South				
	correction E. 31'		7°55'	4,360	
			9°5'	4,951	
			7°45'	4,036	
115				-.028 = 13,178	
				E.144	To cor.
Set an	Iron				
Oak	15" S. 15° 45' E. 30+ lks.				
116	West		9°24'	6,944	
	correction S. 21'				
117	" L Left 4°24'		4°20'	3,179	offset 2435
118	L Right 7'		6°	5303	offset .011 N
119			6°18'	4,606	
120				1,957	
121			1°10'	4,683	
				-1,220	
Reg. T.				+.094	
S.W.	striking S. of NE. cor. .106				W.C.
W.C. cor.	Set Wagon spring			two tacks.	
10 E. of cor.	E. 20" S. 46° 40' E. .234				
	" 20" S. 13° W. .96				-1.0248



55

Back to ☆ 115

East

Correction N. 21'

122	8° 40'	4.110	
	0° 10'	1.447	
	10° 5'	8.000	- 6
	2° 30'	2.000	
		.613	
123	1° 30'	1.200	- 4
	3° 5'	3.000	
	4° 55'	4.000	
	5°	2.054	
124	1° 30'	1.731	
125	4° 35'	1.429	
126 Rees ±	9° 5'	2.049	4.6 ± Korset 354 N.
127 SE. cor.			
cor. 2 Left	28° 3'	.742	

Set 1" X 24" Iron pin Two stumps

Fir 16" S. 71° 5' E. 3.27 C/S.

" 4" S. 12° 5' W. 1.98 "

4406 1.447
65489
396 54
30 24
3 52
2 2
3
43555

.742 .742
14774 66878
2968 5934
519 519
51 59
2 4
3540 6518

1943
926 89
1 7 40
1 3 72
1 37
1 3
1
19428

3268
44957
29412
2614
2 94
1 2
4
32333

2043
1943
08

25493
4356
1438
7.686
7.992
.613
7.996
7.987
7.971
2.046
1.730
1.424
2.273
.742
79.547