422

422

227

422

COUNTY SURVEY No. 227

IN

M.L.F Robbins D.L.C. No. 37 - T. 10 S., R. 7 W. and C.I. No. 49 - T. 10 S., R. 6 W., Will. Mer.

Scale 1" = 10 Chs. Benton County, Oregon Nov. 23, 1916

E.C. Minton — Made For — J.P. Warinner

And

W.S. Alcorn — Continuation Made For — James Watson

And

Nov. 18, 1917

IN

Section 18, T. 10 S., R. 6 W

66 9" Line #422 FIB 11, PG 66–72

CS. 422

Survey #204

Made For: C. Lyday & Frantz

Sec. 19-10-S. 6 W.

Feb 4-1914 Clyde Lyday

Rodman & Chainmen – By Frantz

& I. Eddy Axmen (Not sworn).

9" Line

The cor of secs. 19-20-29-30. Find Fir Bl. "24" S. 76° W. 1.59 is. S. 76° E. 1.59 & Oak Stump with marks on down log. Bearings & Dional do not place the cor, in the same place so I Proportion the difference & Set Stone 12"x10"x6" & Mk. Fir 24" N. 82° W. 1.87

West Chain Only.

	Slope	Hor. Dist	Total	
4.30	– 9½°	4.241	4.241	20.36
5.00	– 8½	4.945	9.189	19.146
5.00	– 7½	4.975	14.164	1.209
5.00	– 6°	4.972	19.146	
5.00	– 5½	4.977	24.123	
5.00	– 10½	4.916	29.039	
1.95	– 7	1.935	30.974	
2.40	– 8	2.377	33.35	L. River
5.00	+ 6 3/4°	4.965	38.316	Find NO ¼ sec.
			40.701	
			38.316	
			2.385 = S. 13	
5.00	+11½°	4.904	43.220	
3.20	+10½	3.138	46.358	
5.00	+12½	4.881	50.739	H 3.22
5.00	+5	4.951	55.690	.496
4.40	+7	4.346	60.036	43.664
4.00	Level	4.000	64.036	40.901
4.00	+15°	3.864	67.900	2.965
4.50	+6°	4.479	72.379	Feb. 6-14
2.15	+13°	2.095	74.474	
4.975	+10½°	4.892	79.362	
5.00	+22½°	4.698	84.060	
1.61	+14°	1.562	85.622	ANGLE L. 5°30' To cor
3.035	+21°	1.128	86.750	
3.175	+23½°	2.902	89.652	= .27 N. of cor

Surveyed by Burt Wilkes

4.30	0.633468	4.40	9.643453
9½	9.994003	9°	9.994620
4.241	10.627471	4.346	10.638073
5.00	0.698970	4.00	0.602060
5½	9.995482	15½°	9.998494
4.945	10.694452	3.864	10.587004
5.00	0.698970	4.50	0.653213
4½	9.995659	6°	9.997614
4.985	10.697629	4.475	10.650827
5.00	0.698970	2.15	0.332425
6°	9.997614	13°	9.958724
4.972	10.696584	2.098	10.321152
5.00	0.698970	4.975	0.696793
5½	9.997996	10½°	9.992666
4.977	10.696966	4.892	10.689459
5.00	0.698970	0.54	9.732394
10½	9.992666	22½	9.964826
4.916	10.691636	0.495	19.697225
1.95	0.290035	1.61	0.206826
7°	9.996751	14°	9.986909
1.935	10.286786	1.562	0.193730
2.40	0.380211	3.075	0.487845
8°	9.995753	23°	9.961569
2.377	10.375964	2.811	0.449414
5.00	0.698970	5°30'	9.981673
6¾	9.996997	2.695	0.430787
4.965	10.695967		0.449414
5.00	0.698970		9.997996
11½°	9.991574	2.802	0.447410
4.904	10.690544		
3.20	0.505202	.2695	9.430787 (33.35)
10½°	9.992666	84.96	1.929215 0.16
2.638	10.560868	0°11'	7.501772 33.335
5.00	0.698970	40.70	1.609589 40.700
12½	9.989582	.1292	9.111361 7.365
4.881	10.688552		
5.00	0.698970	Tan 11°	7.501772
8°	9.995753	33.335	1.522835
4.951	10.694723	.1058	9.024607

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"A" Line Continued

The Cor. of Secs. 24/19 Find Fir B.T.
25.30
W. 6° E. 78 - Set Fir Limb & Mark.
Fir 20. S. 69½° E. .743 Fir 30. S. 30° W. .515
Set ¼ Proportional dist - 83.50; 40.00
& 13 lks S. of Road Line. Stone. 8x12x5-
Mark Fir 20" S. 85½ E. 3.414 - 9° - Slope =

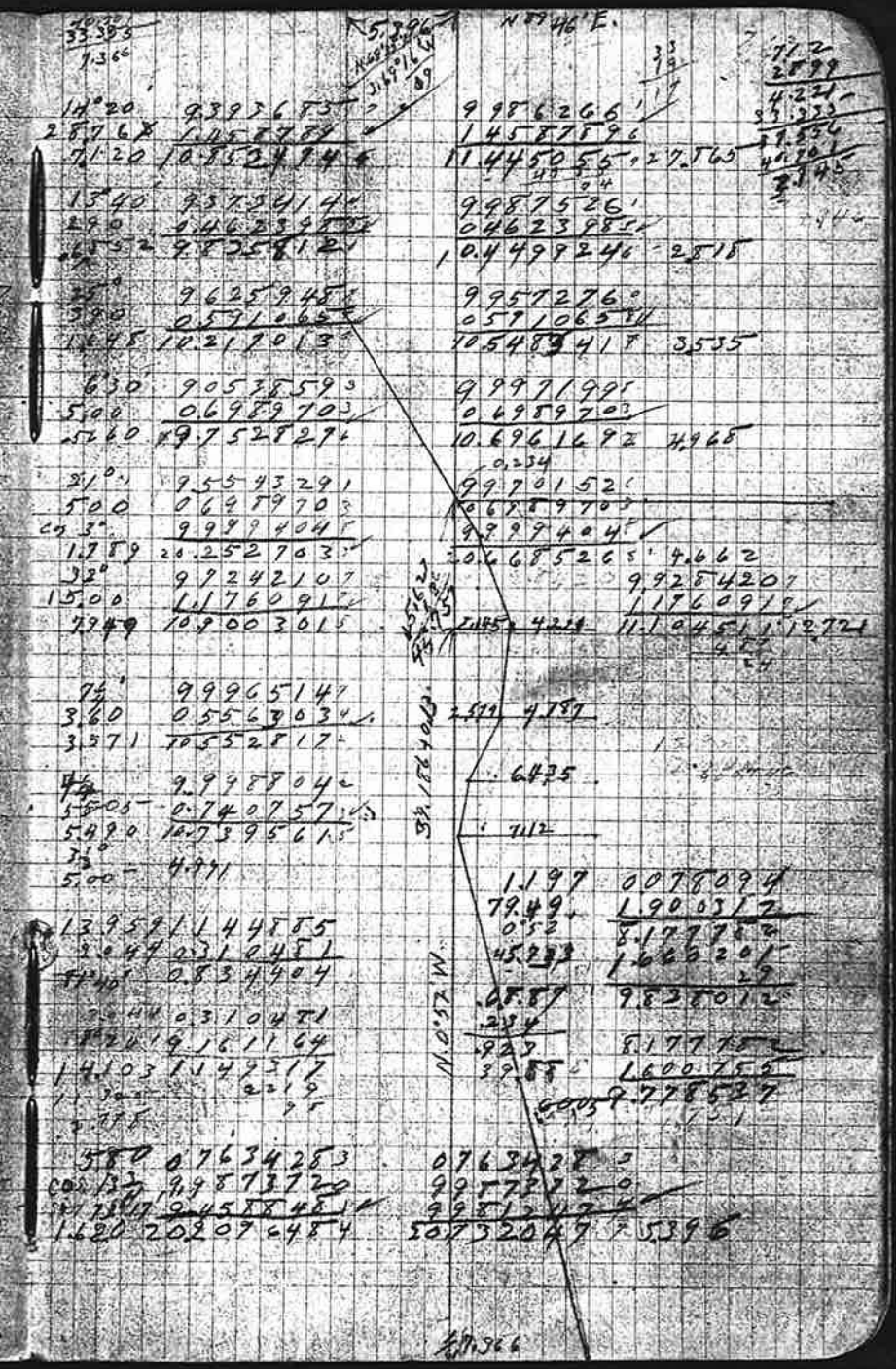
"B" Line

Begin on A at 33.35 -1.6 = 33.235 N. / 7.12 W.

ΔN. 14°30 W.	5.959	27.565		
Cont.	32.804			
N. 15½° E.	2.900	2.518		.685
N. 25° E.	3.900	3.535		1.648
N. 6° 30 E.	5.000	4.968		.566
		39.186		2.899
		Feb. 26		
N. 21° W.	5.00 - 3°	4.662		1.789
N. 32° W.	15.00	12.720		7.947
North - ½ +	3.60 -	3.571		1.855
				15.661
Δ 1	7.23	7.230		7.197
Δ -½-	5.00 -	4.991		
Δ -½+	5.505 -	5.480		
		17.850		

"C" Line Bear. N. 69°35 E. 594 - 14°+
¼ Sec. Cor. Bear. N. 73°17 E. 5.80 - 13½°+

	1.62	5.396
	79.40	8.295
	13	7.196
	79.600	15.661
	59.500	



The Cor. offsets. 18/17 / 19/20 Find Oak 5.62 N. Log

All others same. Set Stone 12x10x6 - Mar

Fir 10 - S 32° E 0.022 - Fir 8 - N 68½° E. 0.225

Fir. 9 N 22½ W. 0.568

"C" Line

West $\sqrt{21°45'}$ Slope

1.20	20°–	1.128	1.128
2.00	– 45°–	1.995	3.128
5.00	+ 2°	4.997	8.120
2.60	+ 3°	2.596	10.716
5.00	0	5.000	15.716
5.00	– 4½°	4.983	20.699
2.138		2.138	22.837
7.508	– 8.0	7.421	30.258
2.278	– 10½°	2.240	32.498
		32.498	

Layoff △ Base N. 5.00 – 45°

From △ 30.258 Sec. Cor Beers S. 89°0 8' W = ∠ L 052

Sin. 5°10' : 5.00 Cos. 4½° :: Sin 2°57' : 5.062

30.258 – 5.062 = 25.32 T 30.00 : 40.00 :: 25.32 : 40.97

(10) 40.955 △ on B. S. 89°16' W. T. 40.97

40.97 set ½ - .40 S.

Mark. Oak 7. N. 16° W. 0.45 $\sqrt{21°45'}$

" " 7 N. 54° W. 0.51

The Cor. of Secs 13/18 / 24/19 Find Fir N. 75° E. 12

Stumps Fir 8. 26° E. 23 Fir N. 25° W. 33 (55") 6 Rks

Maple on a Set. Fir Limb Mark

Fir 7" N. 15¾° W. 34.5' Fir 5" S. 81° W. 8.7'

Angle To Base. 5°10' Vertical Angle 1°24' down

This Point is 1.61 S. of Sec. Cor. which is behind NE. Pt

5°10' 6.5
10°20' 1.98
15°29' 1.78
20°39' 2.18

1.20 0.079187 5
2.00 9.9412986 5
1.128 10.0521674

7.503 0.875236 3
5 9.995203 1
7.421 0.870439 4

2.278 0.357554 2
10 9.994266 2
2.240 0.350220 4

5°10' 1.045501 7
5.00 0.698970 3
cos 4½° 9.998042 2
8.57 9.997574 3
5.062 27.740849 5
30.258
5.320

5°10' 1.045501 7
5.00 0.698970 3
cos 4½° 9.998042 2
8.57 9.997574 3
5.062 27.740849 5
30.258
5.320

30.258 5.320 S. 89°8' W.

1 8.32 8.079365
40.00 1.602060
8.532 1.931051
40.97 1.612466

5.062 1.740849
sin 2°52 8.179911
8.328 9.920562
8.532 1.931051
.0533 7.981951
40.97 1.612466
.3979 9.601977

66 66 12
55 22 6.5
330 132 78
330 198 78
0.0 15.18 5.5

5°10'
cot 4½° 1.045501
5.00 0.698970
cos 4½° 9.998042
cos 1°24' 9.999804
55.129 1.741317
55.129
211.437
55.219
30.235
85.471

5°10'
90°53'
96°03'
1°24'
53°57'

90°53'
53°57'
500 – 4½°

32.498
7.508
39.864

69

"D" Line

North thru the center of the S.E. ¼ of Sec. 19.

C.O.T. 20.35 on "A" Line

North

5.00	310.62 500	5:00 + 1.195 + .137 = True C.L. Line		
		Approx. C.L. Line		
5.00	+ 7½°	4.960	9.960	
5.00	+ 12½°	4.886	14.846	
1.70	+ 26¾°	1.518	16.364	
Δ 1.065	+ 18½°	1.010	17.374	W 13.66
Δ 1.200	Level	1.200	18.574	W. 14.75
Δ 1.500	"	3.500	22.074	W. 17.72
			20.074	3.50
Δ 3.30	− 5°	3.287	25.361	W. 20.61
			23.361	Angle L. 30 = .03
Δ 3.40	+ 4¾°	3.385	26.746	W. 22.60
			23.746	" R. 30' = True
Δ 4.40	− 10½°	4.330	33.079	W. 25.40
			31.079	
Δ 1.70	+ 11½°	1.667	34.746	W. 26.97
			32.746	" L. 2°00 = 2.05
			39.715	.03
5.00	+ 6°	4.873	39.719	.228 W
			34.719	W. 17.69'
			40.695	" R. 3.14 2°00 = True
Δ .95	Level	.980	38.677	+ 2.145 = 1.142 RUNE.
			44.095	W. 26.57'
Δ 3.40	"	3.400	42.095	(Temp. Cor. of Tract)
			43.7	
Δ 1.64	"	1.640	43.7	W. 21.61'
			41.7	W. 1.32 " "

"E" Line. E. & W. center line

C.O.T. 43.149 / 41.149 on "D" Line S. 89°40' E.

1.40	+ 23°	1.288	1.259
5.00	+ 14½°	4.835	6.184
2.70	+ 9¾°	2.660	8.842
3.10	+ 20½°	2.900	11.742
1.70	− 6°	1.691	13.440
3.30	− 10°	3.250	16.690
5.00	+ 10°	4.924	21.61 + − 1.637 ft. S. 3.053

6.195 + .137 = 6.332

1.065 | 0.027 3350
1.8½° | 9.997 6957
1.010 | 10.004 307

3.385 | 0.529 943
0.030 | 7.940 842
0.027 | 8.470 785

5.953 | 0.774 736
2.00 | 8.542 819
.207 | 9.317 555

41.149 + 2.053 = 43.202

45.735
39.98
5.755
.094
5.661

0.774 736
9.999 735
10.774 471 | 5.949 | 511

21.614
15.37
20.077
2.38
19.839
20.350 | 43.149
.053
40.096
1.16
39.980

0.774 736
9.999 735
10.774 471 | 5.949 | 511

21.35
19.39

19.77
.923
20.693
.238
20.931

20.077
.238
19.839

19.77
.234
.592
20.603
20.077
.526
.235
W. 102

19.839
.501
20.340
.235
.102
.463

20.077
.238
19.839
.501

.592

20.931
20.350
.581

.501

W. 11.44 W. 1

89.8 E

19.20
30.29

70

"E" Line, Cont.

The ¼ sec cor Bet 19 & 20.

Set stone 14 x 5 x 6 — { 09½ E 1.27
Fir 3.4 W 5.92 — 6.081

Mark. Fir 24" N 45° W 3.57

"F" Line

Begin at 43.735 on "D"

West

3.60	−10½°	3.540	
5.525		5.525	9.065
4.000	−9½°	3.948	13.013
1.004	−2°34'	.924	13.737
5.000	−38°	3.940	17.677
1.480	−18°	1.893	19.770
		19.770	Intersect

"B" Line at N. 32° W. 2.095, Bears N. 31°57' W.

"G" Line Cor. 6.332 on "D" 6.195

W.

2.90	−2°30'	2.898	
6.175	−43¾°	6.154	9.052
2.222	−52°	2.209	11.261
1.230	−19½°	1.227	12.488
2.125	−24°	2.058	14.543
.02		.02	14.563
14.563		14.563	

Intersect "B" at 0.957 & 6.423

N. 14°20' W.

N. 89°47' W.

Angle 0°20

90°20'
S. 89°40' W

N. 31°57' W
5.83
32°23
90°00'
58°37'

3.605 − 5' 3.053 19.77 99 20' 95 11
3.325 325 57.54 99 15
19442 60 18 92 C
157.39
3

2.095 032 1805 39.186 153.1 032 1805 7.12
32° 99 28 42 10 4.662 99 28 42 0 1.759
1.772 10.046 015 1.772 1.779 10 25 0 22 5 10.021
45.627 2.893
19.770 45 627 45.735 7.122
3.325 39.966 .180 .675 10 C
16.23° 1 21 03 19 45.757 45 8 10 .244
7 76 47 54 .094 45 55 1 .675
8.975673 45.851 .041 .923
.0942 C

S. 89° 46' W 40.7 W

19.77	20.072	45.627	45.735	.244
.844	.255	.094	45.721	.047
20.614	19.837	45.721	.14	.291
20.077	20.345	5.755		
40.691	.506	39.966		
	.025	39.80		
	531	.166		

N. 0°20' W. 1.755

N. 2°00' W.

F.

19.233

E. 59°40' E. R.

S. 89°40' W.

S. 59°40' W. corr

20.345

20.345

N. 32° W.

W. 39.9'

G

20.345

20.125

S. 89°49' W

20.35	5532	45.735	39.80
4.365	19.962	39.93 ±	39.993
15.985	6.36	5.805	6.359
6.552	0 81 8 35 8 G	0 81 8 35 8 G	39.595
14° 24'	9.393 685	9.986 260	
	1.021 2043	1.080 4624	
	6.277		
2.625			
1.624			

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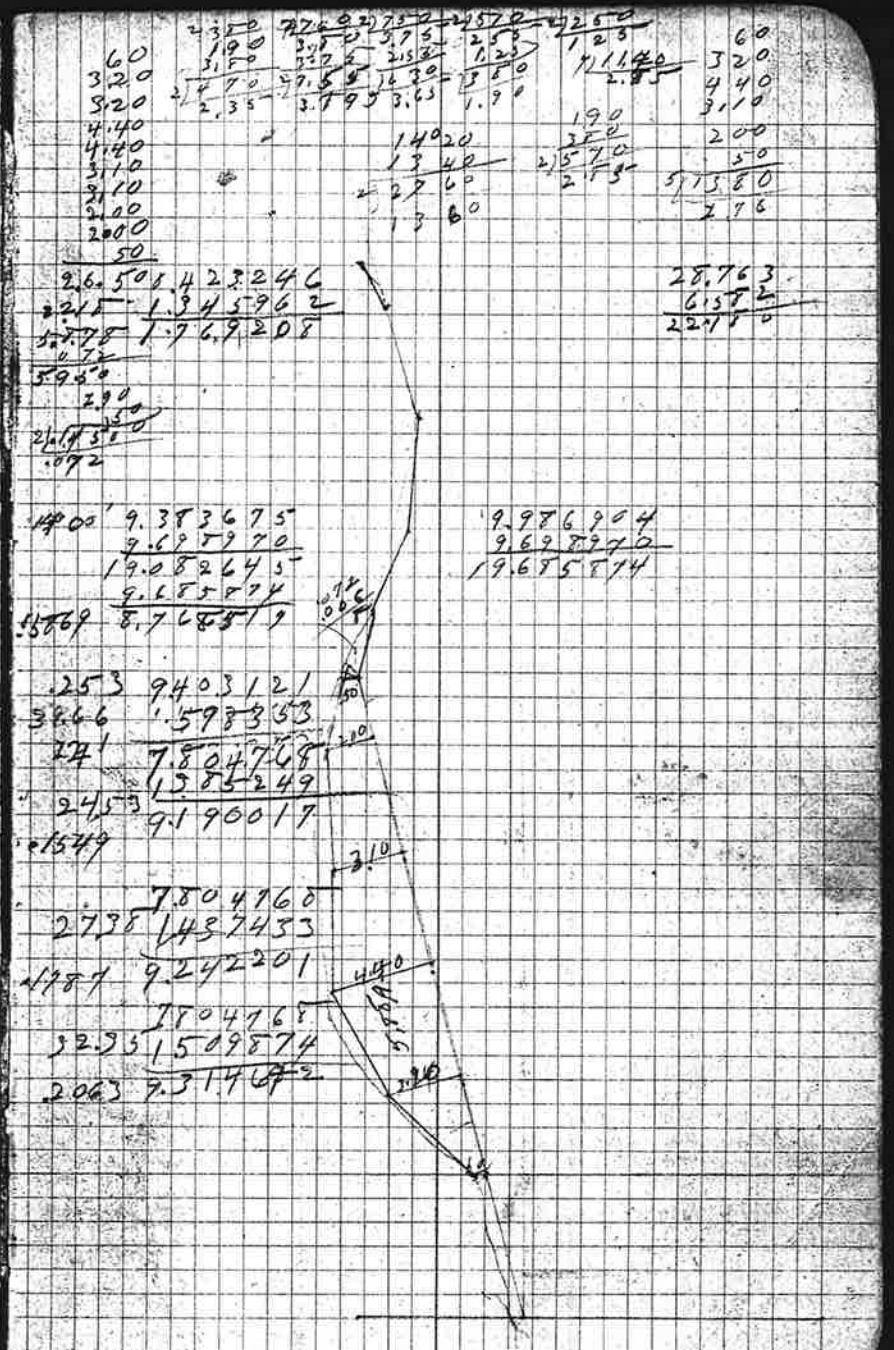
	"B"	"B"		
~~Begin~~	0	in "B"	At	
10.959	turn	90° 3.14	to River	
15.959	"	98° 4.38	" "	
20.957	"	90° 3.07	" "	
25.959	"	90° 2.05	" "	
28.763	"	0.50		

"H" Line C. 0.03 W. of ½ Lg-20

North

3.055	3.055	3.053		
3.300 +5°	3.287	6.342		
3.10 +9 5/8°	3.062	9.404		
4.160 +6 3/4°	4.568	13.972		
3.20 +11 1/2°	3.190	17.162		
1.56 —	1.560	18.722		
1.301 −18 1/4°	1.235	19.957	S. 0.124	W. 127
5.10 −23 3/4°	4.577	24.534		W. 155
2.180 −11°	2.747	27.381		" 179
5.100 −67 1/4°	4.965	32.346		" 206
7.32 —	7.320	39.666	Fall 2.753 / 2.475	E. 0+500.00
	39.666		0 / .278	
2	19.833	19.957		
	9.903	.124		



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"I" Line

C. of sec. cor. 18/17 - 2.253 E. of cor.
19/20

N. 89° 30 E.	
3.40 ± 150	3.284
4.80 ± 4½	4.764
1.70 + 8°	1.683
2.60 —	2.60
2.80 - 10°	2.757
5.00 - 12°	4.871
1.40 —	1.40
4.70 —	4.70
5.00 + 6½°	4.970
.475 —	.473
1.30 - 6½	1.293
1.60 - 19½	1.515
3.00 + 8°	2.971
2.00 + 9°	1.975

turn N. 51 90 E. 8.78 for N. 01 S. of
39.274 + 68 rolls .561 S of ¼ = 39.964
¼ Sec. Cor Reestablished.

Find old Fir. 36" No. W. 40 N. 25° E. 6.5'
Marks have been defaced. A clump
of Willows about agree with Field notes
but no old ones standing. Find no
further evidence of cor.
Set fir Limb. Mark. Fir 20 S. 37° W. 0.7'

Continued in FB. 19. Pg 28

.556 0.745 0.75
39.274 19.5 9.106 7
.81 5.1 3.10 14
8.148 4.50
3.284 0.51 6.403
8.657 8.53
8.145 3.450
0.512 6.88
.0120 9.044 1.38
8.145 3.450
.9731 0.980 1.57
.1354 9.131 6.07
8.145 3.450
.1233 1.040 1.63
.1716 9.234 4.13
8.145 3.450
.1568 1.178 6.89
.2100 9.322 1.89
8.145 3.450
1.998 1.300 5.95
2.780 9.444 0.46
8.145 3.450
.2138 1.336 0.08
.2975 9.473 4.58
8.145 3.450
.2605 1.416 3.08
.3629 9.535 9.758
8.145 3.450
3152 1.499 5.86
.4386 9.642 0.36
.3281
34.93
.1720

9.745 0.75
1.601 6.25
8.145 3.450
48 1.601 6.25

3.284 5
4.764 9
1.683 0
2.600 5
2.757 2
4.871 4
1.400 3
4.700 2
4.970 2
.473 5
1.293 6
1.515 1
2.971 1
1.975 4
.561 4
30.74 4
39.274 4
68
39.964

Give descriptions to Yates Lawson. 17 Corvallis

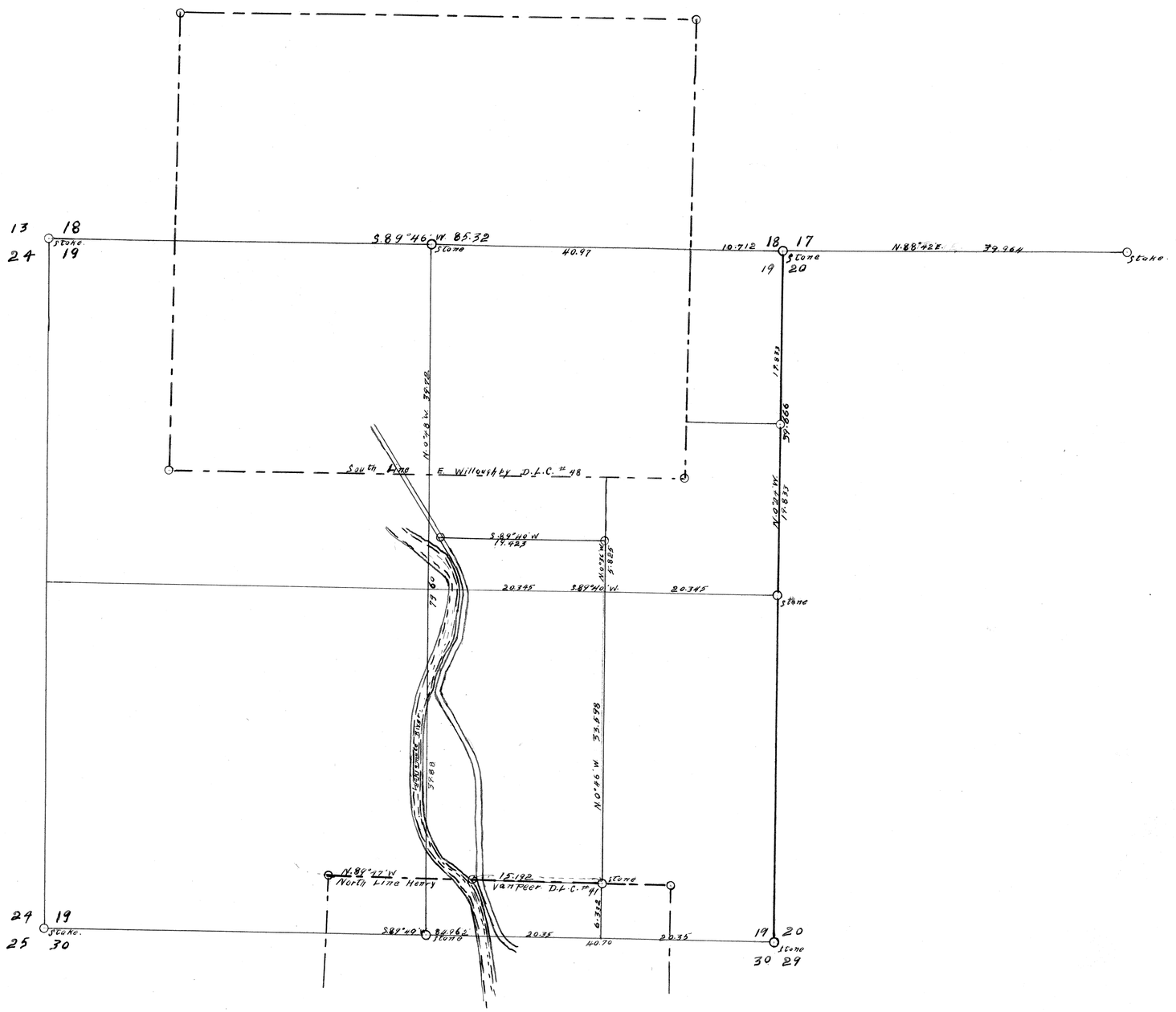
39.274
68
2)39.96
19.98

N. 89° 30' E.
4.7
N. 85° 49' E.

422-A

422-A

204

Survey Nº 204
Sec. 19 T. 10 S R. 6 W.
Made For
Claude Lyday - By. Frantz.
Feb 4-11. 1914 scale 1" = 10 chains
Burt Wilkes. Deputy C.S.

422-A