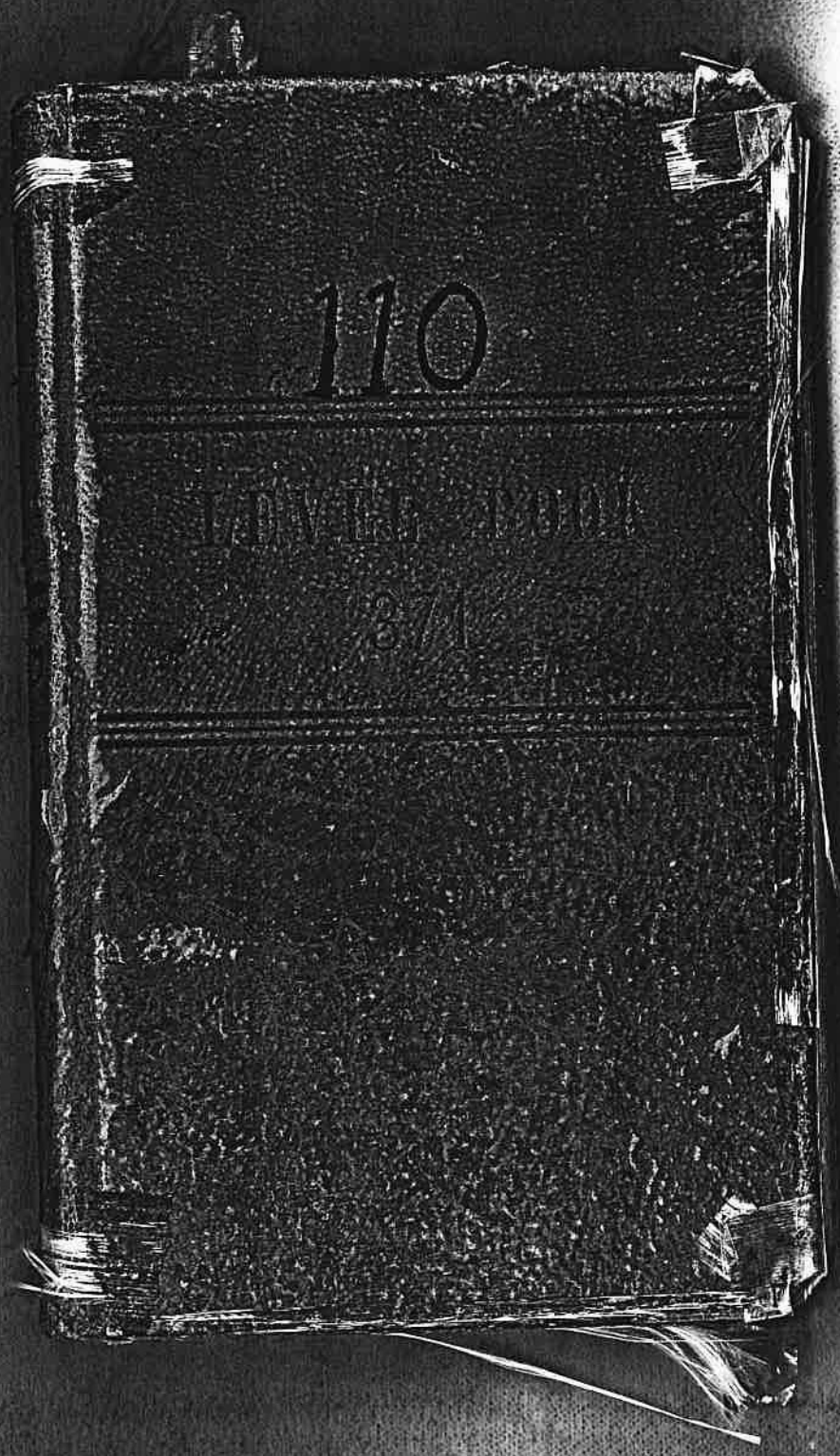
Field Book # 110


110

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 18 FEET WIDE. SIDE-SLOPES 1 TO 1.

FOR SINGLE TRACK EXCAVATION.

"Copyright, 1896, by Keuffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

Dec 28 — 1L

2492

From Monument 19.69 from
Dec Cor Dam 0 Bg Dec 49
14.10 across E+W bank of road
From NW Cor C/52
S 41° 15' E 12.25 to Beginning Dec
S 51° 24' E 44.92 to Dec Cor C/49
(+25.23 to Sample) S 51° 24' from NW Cor C/52

20.00
24.92
12.20
2.32
9.34

19.69
44.92

filed

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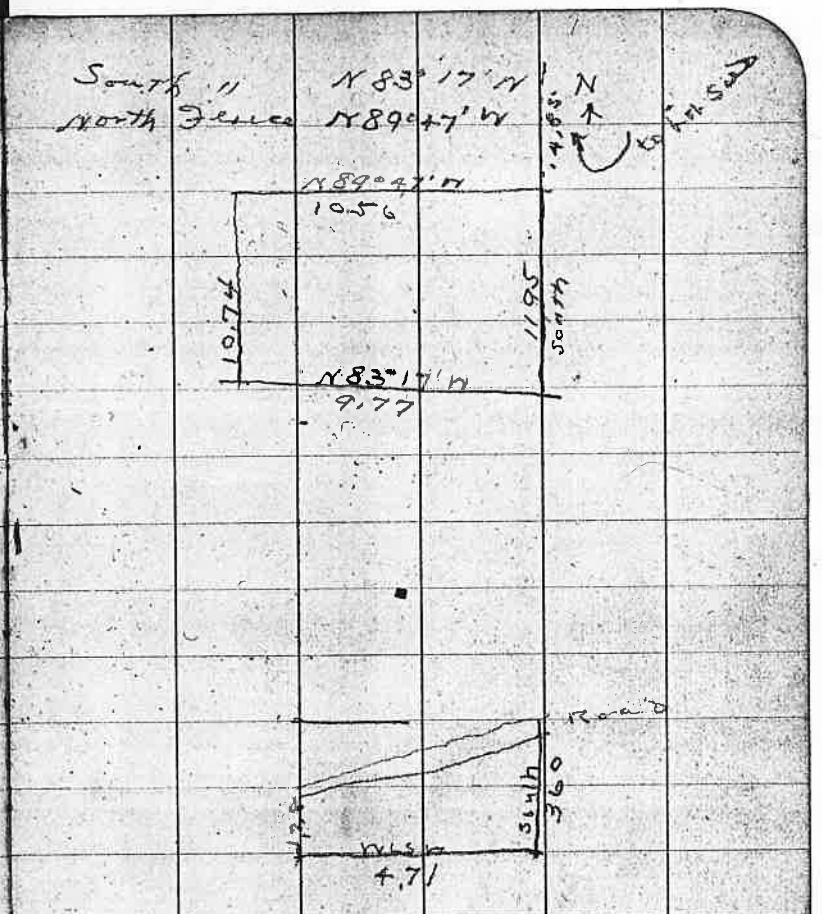


N
S 89°42'E
11.95
14.85
S 89°42'E
10.55
10.56
S 89°42'E
9.77
10.80
S 0°18'W
10.74
S 0°18'W
10.74
S 89°42'E
10.74
Coolidge Road
1.71
1.30
1.26
1.30
1.26

Oct 8 1916 Survey for

A.L. & G.P Aikins

Description Deed from G P to A.L. Aikins

Beginning at a point 62 Links North from ¼ post bet,

Secs 26 & 27. T 30 S R 6 W,

thence

South 17.63 chs. to E Co Road

S 63° 47 W 5.25 "

North 19.95 "

East 4.71 " to place of beginning Cont 8.75 Acres

A.L. & G.T. Aikins

Oct 9th 1916

Beginning at a point

¼ Sec post between Secs

South 26.83 chains

N 83°¼ W 11.10 "

N 0° 51' E 10.74 "

S 89°¼ E 6.15 "

North 14.88 "

East 4.71 "

to

Deed to G.T. Aikins

20.61 chs South from the

26 & 27 T 30 S R 6 W

Records N 83°¼ W

place of beginning. Cont 19.42

(19.42 acres)

Dec 15 1916

Preliminary Survey Cow Creek Irrigation

Width of Dam 220ft

+	−	
4.3		From Top of Dam (9.3 90 or water)
5.7	0.0	
7.2	0.0	
7.5	0.0	old line Sta 187
24.7		
2nd Sur		
+		
9.3	0.0	
7.6	0.0	
6.2	3.4	old line Sta 86
23.0		
3.4		
19.6		

Sta 201 on old line to Attn 200' below falls on Cow Creek

Jan 8 1917

Survey for Watzig Bros

Beginning at the S.E.Cor of Samuel Gazley. D.L.C № 49.
in TP 30 S. R 5 W.

N. 1°24'W	19.69	chs.	with fence line
East	14.99		
S0°09'E	19.68		to point 14.57 chs. East of S E Cor Cl 49
South	7.88		to sec line bet Secs 22 & 27
west	22.57		with Sec line Recorded bearing S.89°56'W
North	10.92		To point 80 lks North of S.W Cor Cl 49
S.83°33'E	8.02		" " 92, South " S.E Cor Cl 49
N 1°24'W	0.92		To place of beginning

March 22 1917

Survey for Clay Dement

Beginning at a point

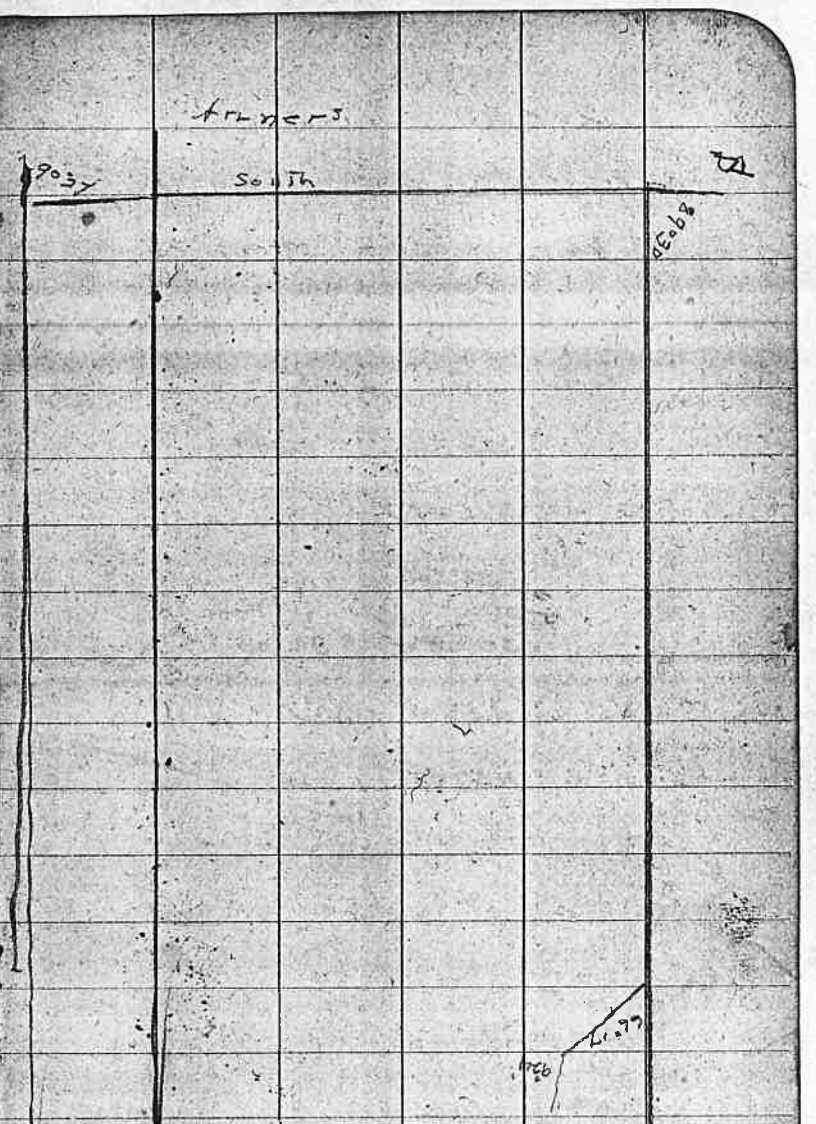
Feb 10 1917 Ded agnes morgan Cairn channel

Survey for Arzner Estate

Beginning at a point 412 - 272.8' west from the S.E.Cor of the Isaac Bailey D.L.C. No 40 TP30 S R5 W

Thence	S0°27'W	1289.3	feet
"	S.89°57'W	3153.0	"
"	N.23°46'W	333.9	"
"	N18°57'W	59.9	"
"	N28°21W	49.5	"
"	N.27°54'W	171.4	"
"	N23°06'W	120.0	"
"	N.16°20W	94.8	"
"	N 7°25W	252.3	"
"	N.5°25'E	72.3	"
"	N24°53'E	234.6	"
"	East	3413.4	" to place of beginning Cont 100.58+ acres

	R D=f	L D<f	CC	DIS L
50°10'W	90,27'		50°27'W	1289,3 1289,5
mist	89°30		589°57'E	3153.9 3154,3
N24°W	41°17		N23°41'W	333.9
N18°45'W	4°49		N18°57'W	59.9
N27°30'W	9°24	9°24	N28°31'W	49,5
N 28°10'W	0°27'		N27°54'W	171.4
N23°20'W	4°48		N23°0'W	120.0
N16°45'W	6°46'		N16°20'W	94.8
N 8°10'W	8°55'		N7°25'W	252.3 252.1
N5°15'E	12°50		N.5°25'E	72.3
N27°E	21°29'		N26°53'E	236.6 244.3
	63°07'		Error	3412 3413
	363 385			
	383 384			



Mar 22 1917

Survey for Clay Dement

Beginning at a point 1/4 Cor bet Secs 33 & 34 T 29 - 5

Def	MB	TC	Dist
78°22'R	S 16°35'E	S 64°36'	7,55
81°23'R	S 14°35'	S 16°47'W	5,53
75°41			
74°41'L	S 60°E	S 58°52'E	5,00
58°59'R	South	S 0°05'W	8,96
126°55'R	N 57½°W	N 53°W	19,67
90°02'R	N 36½°E	N 37°03'E	10,30

S 53°E

Water Supply to be 15,2 ac

Thence S 0°05'W 8,96 chs

" N 53°W 19,67 " "

" N 37°03'E 10,30 " "

" S 64°36'E 7,55 " "

" S 16°47'W 5,53 " "

" S 58°52'E 5,00 " " to place of beginning Cont 15,34 acres

March 22 1917

Survey for J.E. Brewer

Beginning at a point . . .

Sep 9 1917

Survey Frank Jantzer

Begin at ¼ post Dec-

Mc	Def	cc	Dist
S80°15'W	0	0	291
S15°30'E	95°53'	S15°38'E	386
S24° E	8°28'	S24°06'E	218
S0°10'45"E	25°06'7	S1° W	213
S12° W	10°55'W	S11°55'W	171
S 9° E	21°02'	S9°07'E	563
S22°30'E	19°34'	S22°41'E	480.5W

Point of diversion—

Irrigation ditch

Secs 17-20 T32 S. R4 W Var 20°45'E

Head Gate

2009.2 feet South and 141.5 E

East from ¼ post bet Secs

17-20 Tp 32 S R 4 W

Feb 25 1918

Levels From A L Aikins to Cornutt

BM	+	⊼	−		100	B.Oak Aikins house
	4.95	104.95	2.75		102.20	- pt Olivers
	−0.20	102.0	1.45		100.55	Worleys House
	10.40	110.95	0.45		110.50	Amspoken "
	4.80	115.30	3.60		111.70	Bridge Kings
	3.55	115.25	5.95		109.30	old old Balls
	2.55	111.85	6.75		105.10	Bend East N. Deans
	9.95	115.05	1.00		114.05	El 115.8 N Deans house
	6.25	120.30	2.50		117.80	2nd pole S of Lane's house
	1.85	119.65	10.05		109.60	opposite " "
	1.10	110.70	8.20		102.50	
	2.20	104.70	0.80		103.90	
	9.38	113.28	3.50		109.78	
	8.05	117.83	2.38		115.45	
	8.06	123.51	2.22		121.29	U.S. B.M. EL. 721
	73.09		51.20			

23.09
4.80
21.29

Feby 25 – 1918

Levels from B.M. Copper flat to Cow Creek U.S. Geol B.M.

	+	−		
				752
	250	752	9.10	752
	111	744		743.40
	0.45	734.77	10.20	734.32
			14.50	720.27
	2.07		33.80	

Waters edge

May 21 1918

Survey of Green Knoll Road

1200' from Ridge to Grouse Spring

3900 " " " Divide North of State Line

Stad measurements from Divide West Side of Green Knoll

250

	+	×	—	÷							144
0	2,00	102,0	5,00		97,00	100,00	5%				
	,00	97	6,00		91,00	99,9	8,9				
	8,00	98	,00		98,00	99,8	1,8				
	2,00	100	,00		100,	99,17		3			

Nov 21 1918

Survey for Clay Dement and Charley Buick

Beginning at a point from which the ¼ cor bet Sec 33 T29 S R5W bears S79°42'E 16.97 chs

N37°00'E	10.31		
N44°15'W	18.61		
S37° W	6.69	4.44	to bars
S53° E	18.24	to	the ¼ opposite fence

From beginning N53W 7.32 to point in ℄ of Co Road

N34°20'E	4.83	along ℄ Co Road
N30 25'E	2.37	" " "
N51°34'W	17.11	to pt 1.75 from River

See next Page

Survey For Clay Dement and Charley Buck

Nov 26 1918.

Beginning at a point from which the 1/4 Sec Cr. bet Secs 33 & 34
? To 29 S R 5 W brs. S 79°42'E 15.97 Chains

Thence N 53° E 27.32 chs
" S 33° W 2.45 "
" S 45° W 9.78 "
" North 10.50 "
" West 15.04 "
" N 37 30 E 20.40 "
" S 51°35 E 18.85 "
" S 30°25 W 2.37 "
" S 34°20 W 4.58 "
" S 53° E 9.08 "
N 37°02'E 6.44 "
S 64°15'E 18.61 "
S 37°02'W 10.50 " To place of beginning.

Cont 45.66 Acs

To point in ℄ of County Road
Along " " " "
" " " "
Leave " " " "
To Umpqua River
Following " " down Stream
To point in County Road
Along " "
" " "
Leave " "

Dement and Cain Chainmen

Survey of Ranch

Feb 1 1919 F Cain and L. Faulkner Chainmen.

Beginning at S.E. Cor Summers Fence, N Side Co Road

Def M.C. T.B. Dist Along North Side County Road

101° 58' N78° 59' E 22.29 " " " " "

77° 4 N1° E 6.81 " Wilsons line

18° 58' N19° E 10.82 " " Cow Creek

91° 22' S69° 45' W

70° 43 South

94 46 West and 6.50 South

Mch 8 1919
Survey for Dick Everett
H. A. Crow and Preston Lake
Beginning at the S. E. Cor. I. B. No 1
Establish Cor by original BT
of BT S. W.
From this point I run west
Sec bet Secs 26-27 'I4 post
29.01 intersect at Flag
Lat N 42° 56 Calculated Suns
5.23 chs to Preston Lakes NE Co.

to Establish South boundary
Chainmen
chols D. L. C. 44 T 30 S R 6 W
an Ash 10' S 64° E 177 Lks. No Evidence
to Flag Set 62.1 Ks north of 1/4
Set per original I. B. Ts
Dist given in notes 28.66
Dec 2 PM Mch 9 S. 4° 3.5' W var 20° E
7.62 ac Toss Lakes Land

M Apl 22 1919

Survey for La Blac

Beginning at Cor Secs

North	bet Secs 15 & 16	
80,00	at 40pc and 80.00 can find no	
Apl 23	Begin at point 20,00 and run	
East	20,00	var assumed -20°E-
North	20.00	
East	20.00	
South	23.62	to fence Supposed
	Begin at Cor of Secs 15,16,	
South		to north bndy of Jas
Apl 23,		
	Begin at NW Cor Jas F 9	
West	32+	to fenc Cor

15,16,21,22 T30 S R5 W — var 20E—

Clem L Davis & T L Rees

Chainmen A L La Bla Monroe

evidence of old line or B.Ts,

north from Corner of Secs 15,16,21&22

to be on line

21&22 and run

F Gazley DLC N°48 T 30 - 5

acrx of 48 and run

var from 20° to 16°42' E

Apl 28 1919 Survey for A L Hastens 20

Beginning at a point 62 lin Ks North from the ¼ Sec Cor bet

Secs 26-27 T 30 S R 6 W

Begin at a/n ℄ Co Road

S63°47'W 5.25

6°36' L

West 8.46

S49° W 1.71

South 24.08 147 ft to Fence

East 5.04 → to Co Road

North 5.25 to begin

N63°47'E 5.25

North 17.63

From Oneida NW Cor tan 12° 47' R S61°47' W

Cor 21.57 ocs

Ap 29 1919 H A Rasor

Beginning 23,78 west and 35,11 North from ~~N~~ ~~E~~ Cor Sec 34 R35

North	35,11
N 83° W	11,71
N 67½ W	6.00
S 20° W	4,16
South	14,55
N 67° W	7,15
N 38½ E	6,40
N 19½ E	7,25

to Cow Creek

Begin B.T.73 mon of SE Cor Sec. 34

North	40.00
West	6.38 / 2.37
North	35.11
N83° W	11.71
N67½° W	6.00
S20° W	4.14
S19½ W	7.25
S38° W	6.40
S67° E	7.15
South	60.28
East	25.05
South	1.57 / 1.59 Set ½" Iron Pipe

Easting 1850 / 23.78 / 42.13

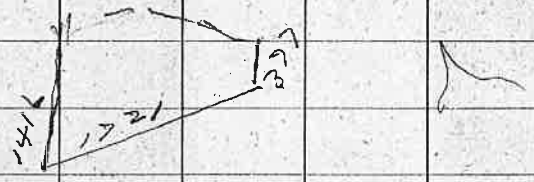
23.78
13.73
6.05

	1411			362	
	Bogord			342	
				11.04	
SouR	14.16				
N73°E	17.21				
S1°W	3.77				
N83°W	6.15				
N73°W	4.00				
N65°W	7.42	to begin			
	23d pass				
N65°W	11.04				
N53°W	2.88				
N62½°E	25.50				
S12½°E	10.00				
S41½°W	4.00				
S3°W	7.00				
N83°W	6.40				
N73°W	4.00				
N65°W	7.42	to begin		28.16	

1411 24
377
1293
8.96

1750
4480
6272
896
15080

13½ Rec'd



May 12-13

Survey For Road Petition

Ending point —

Begin at a point 100 East

and run S26°88'E 1868.5'

" S5°E 96.10'

End 1770.7 South and 936.3' East

Beginning point —

Begin at SW cor of com. of Murry

and run

North 196'

N88°10W 167"

N88°25W 325'

N23°75'E 642'

on 17,11 chs 3.59
799.4 North and 2366

Glenbrook Farms 26

May 13

from the Cor Secs 29, 30, 31-32-30-6

to flag Sur on RR go to East post

to pt in Co Road

N 0°W 16' to X 72' X

from Cor 29, 30, 31-32

run DLC #49 T30-6

to E Corner

Line S. N9¾°W 355.5'

West from SW cor com of Murray DLC #49-30-6

May 13 1919

~~Green road~~

Ending point 2731 ~~3172~~ East

of the Dell for Sec 31 — 30 — 6

Bon 24" mons + bs N80°E 20 ft

~~Provincial~~ Road

Begin at ¼ Sec Cor bet Secs 32

+ 33 T30 S R6 W

run N73°35'E 671.5

N79°35'E 281

S 71°05'E 205.5 ft

ft ins of Co road R/S adjoining

168.8 North and 1112.4 East

from ¼ Sec Cor bet Secs 32 + 33 — 30 — 6

3 May 19 1919

Survey for Hutchinson Farms.

Begin on 1/4 post bet Secs 32 & 33

and run

West 300 to place of beginning

" 9.25 " to Ash

Begin on 1/4 post same and

North 9.00 to Barb wire fence

Begin on point 19.00 chs

East with fence line 17.03 chs to road side

4 May 20 worked for Nelson

5 May 21 1919

Begin on point 12.25 South

and run

East 16.92 to Fence

Tp 30 S R 4 W

20 48

Var 20° 50' E

1/4 post

N 00° 19' S 25° W 360

B " 17 S 88 E 5.00

North of 1/4 post on road

of 1/4 post bet Secs 32 & 33 — 30 — 4

Glenwood 3 Corns

May 22 1919

Begin on 1/4 post bet Sec

South 40.33 to Corner intersect 108

May 23 1919

Begin on sec Cor Sec 33

West 27.40 SE Cor Bearing trees

40.57 to 1/4 post

Frank Buckingham Chainman

32 - 33 Op 3rd R & W and Meas

bet Temp

Note - observation on Sun May 21

9.00 AM. Latitude +43°56' shows var -

20°48' E. Line Between Sec's 32 and

33 N 1°33' E. var. to retrace old line

19°15' E. Seems to agree with South Bndy

of T.P.

and measure on to line

fence

8 May 24 1919 Trans 591 21 12

Beginning at point 12.25 and run West 3.00 to S 1/4 Cor from point 12.25 South 7.91 and turn 89°46'E and run N 89°46'W 27.52 to point on South of 1/4 post bet Secs 32 & 33 Shipmans Lane comencing Bluffs May 28 1919

9 May 26 1919 Afternoon In Am look with D.J. Harper Continue For NE Cor Sec 32 at Glenbrook line N 89°46'W

10 May 27 Same Noon Top of Bluffs

11 May 27 1919

Traverse from Bluff at Hoolers

Def	MC	TC	Dist		
85°27'L	S1¼°W	S1°38'W	174,		
10°32'R	S11¾°W	S12°05'W	83,5		
27°01'R	S38°50'W	S39°06'W	224,		
50°20'R	S89°30'W	S89°26'W	100,8		May 28 1919
0°29'L	S88°50'W	S88°57'W	77,3		Clay bank
0°18'L	S88°30'W	S88°39'W	51,6		
0°10'L	S88°15'W	S88°29'W	77,9		Traverse
2°08'R	N89°30'W	N89°23'W	176,1		
34°10'R	N55°03'W	N55°13'W	111,3		
4°04'R	N51°10'W	N51°09'W	128,3		
45°10'L	S83°45'W	S83°41'W	99,5		
40°38'L	S78°55'W	S79°03'W	67,2		
38°10'R	N62°45'W	N62°47'W	127,0		
8°55'L	N71°42'W	N71°42'W	319,9		

	N	S	E	W
		173,9		4,7
		81,6		17,5
		173,8		141,3
		1,0		100,7
		1,4		77,0
		1,2		51,5
		24,1		77,6
	1,6			176,0
	63,5			91,4
	80,5			99,9
		10,9		98,9
		12,8		66,0
	58,1	58,1		112,9
	100,4	516,8		303,7
	304,1	304,1		419,1
		212,7		

Glenbrook Farms

13 May 29 1919

From a Δ 20.16 chs South from

N89°44'W 2715.2 seting stakes at 500'

	MC	CC	Dist
18°37'R	N53°03'W	N53°05'W	307
	North	North	28

At 1664.5 West (N89°44'W) regain

18 May 30 1919

In A.M. Look for T.P line

" P.M Begin at a previously

Continue Line

N89°44'W a turn 1°23'L measure

measure 121.2 to point

N89°44'W 5278 to a supposed to be

50° 16'W on random

Continue Cain. PD Harper 32

Chainmen

1/4 Sec cor bet Secs 32 & 33 measure

1000, 1500, 2000, and 2500, also subdivisional

	N	S	E	W
		212.7		14 19 1
	184.4	184.4		2454
	28.3	28.3		1664.5
	212.7			

line at 2715.2 + 1664.5 + 400 = 4779.7 6 P.M.

unable to locate anything

previously Established and

121.2 to Clear tree & Turn 2°46'R

on line a turn 1°23'L Continue 256'

Section Line turn 90°L and run - Var 18°34'E

May 31 1915

Begun at point previously set and run South 1820' to a supposed to be on TP line near Perrys SW Cor

In PM Begin at SE Cor Sec 32 and run Follow line of old blazes Top of Hill 6 PM

N89°44'W

June 2

Begin 900 North and 1700 +7' East of 1/4 post bet 32 + 33

		North	East ~~East~~ West
N4° E	5.17'	507	30
North	628	6,28	32
West	2d		

End 26.20 North and 1732 chains East from 1/4 post bet 32+33

T 30 S R 2 W

In P.M. Go to Roseburg to Examine Road Records

17
June 3 1919

Circulate Road petition.

18
June 4 1919

Begin at S.E. Cor Sec. 32

N89°44'W	13.20	Hacklers fence
	1500	offset 50' North
	2000	" 50' South
	26.72	Intersect Quarter line
		Replace ¼ Stone by Round
Note		A.M Beaty an old resident
		Stump remains A.L. Lowrey
		west at 40.59 probably is 30"

T 30 S R 5 W and measure

BEN. Ranzleph Chairman

Regained line

45 lks North of ¼ Sec. Cor bet Secs 32 & 5

brown Quartz boulder surrounded by boulders

identified Cor, B.T. S 20° W, 50 lks destroyed

7" N 4° E, 71.1 lks. Still Standing a Fir Stump

Pine referred to in Field notes

19 June 5 1919

From ¼ Sec Cor on Sth bnd Sec 32 run

North 700' offset East 46'

" 734 " " 44

" 1388 Intersect Ern subdi visional line 2563 west from ¼ post
on East bndy Sec 32

" June 6 1919

From a point 20.16 chs South of ¼ Cor bet Secs 32-33 run

West 2563' to " " " North " " " South boundary Sec 32

-var-19°38'E

June 7 1919

In A.M. offset Random line 83' North from 4379.7 West from
¼ post bet Secs 32 & 33 and Continue line East from Bl'ff
to a 4779.7 West from ¼ Cor bet Scs 32 & 33

120

Glenbrook Farms.

June 3 1919

Description for lease

Beginning at A on Bluff following meander of Bluff

Begin at supposed west line

West 548 Top of Bluff

975 Rattlesnake Creek C

1500 Top of Ridge Brush Fence N & S

2640 Set post for ¼ N & S

June 10-1919

Begin at ¼ Post bet Secs

West 10.00 to point 5' from old

North Fence bears away

Continue to Lakes

Note— J. R. Dean informs N. E. Britt as line

2800' west from ¼ Cor bet 32 & 33

westerly to A 3826' west " " " "

bet 31 & 32 and run

North

Sec 31 6:30 PM,

32 & 33 and run

Fence Var 19°38' E

from line west, " 19°55' E

fence

me, this line surveyed by

bet G. W. Riddle & M. Dean

June 11 1919

In AM, Begin at a 1336 West from ¼ post between Secs 32 & 33
and run to subdivisional a Var 19°15'E
South 20.16 chs to " " on true line thro ¢ S½ of S½ of Sec 32

Survey for Description J.R.B eans. to Glenbrook Farms
Beginning at a 300 chs west from ¼ post bet Sec' 32 - 33
West 7.00 chs to a 7"E of old line
North 589 lk " Land of C K to mile
N89° 10 15' E 836 with lakes line Lot Lake 27' west to rail Fence 38' Fenced
1166 Fence south
1253 " " Council Cr
1700' west Fene Lakes Lane
1720 " " Co Road
S½ S0°45'W 385 ¢ of paved road
1461 East Co
N88°10'W 715 East 1/4 Corner Cr

												174-3	+ 196 - 38 1269
	770	Work Incomplete											
	1269												
North													
	50 days	5		$	25								
	16 "	6			96								
Kanyasi	6 "	4			24.00								
Eado	1 "	$ 3.20			3.20								
						$	124.20						
To Cash	Invoice	$ 50.00				due	55.00						
" Cash	"	12	50.00				$69.20						
			$55.00										

Survey for Geo Ballenbaugh

June 18 1919

Beginning at ¼ Cor East

East	1183
North	520
E 25°	187.0
N 47° 30' E	704.0
S 68° 45' W	742.0
S 85° 05' W	645.4
N 70° 35' W	368.0
N 84° 15' W	217.5
South	395

To place of beginning Cont 9.7 acs

T 30 S R 5 W

Secs 32 & 33 T 30 S R 5 W

Var 20° 25' E

To County Road

To Mrs Zora E. Ross

From J M Ballenbaugh

" Lemon " "

" John Catching "

" Thos Ross "

" Mary E Wright "

" and Dora his wife "

" Mary " "

" Hattie " "

" Sarah " "

Jennie Blackburn, Albert Ballenbaugh

Henry Ballenbaugh, $ 200.00 consideration

Quinc

July 17 1919

Survey for Geo K Quine

Kenneth Quine

Beg on Nth side Co Road and

MC	Def	TB	Dist	CC	
S53°E	115°02'L	S52°23'E	2.88	S52°23E	✓
S65°25'E	12°23'L	S64°44'E	2.95	S64°46'E	✓
S0°50'E	64°51'R	S0°08'W	4.80	S0°04'W	✓
N71°30'E	108°04'L	N72°04'E	7.29	N71°56'E	✓
N1°25'E	69°31'L	N2°33'E	4.06	N2°24'E	✓
S63°E	115°27'R	S62°E	3.07	S62°09'E	✓
S79°E	16°04'L	S78°04'E	3.76	S78°13'E	✓
S51°E	29°44'R	S48°28'E	7.37	S48°29'E	✓
N67°30'E	62°57'L	N68°43'E	10.73	N68°34'E	✓
N2°00W	68°16'L	N0°27'E	9.58	N0°18'E	✓
N0°30'W	0°36'R	N1°03'E	4.55	N0°38'E	✓
N1°50'W	1°30'L	N0°27'W	8.73	N0°39'W	✓
	0°27'R	North	8.44	N0°12'W	
N4°			7.4		

Description for Deed

and From Cain Chainmen

turn from Line S62°40'E

Along North side County Road

Beg at 3/4" O.P. at SE Cor of 1/4

Run N62°40'E 6.45 to Iron

Bar

to Iron bar which I dont run but contains

Begin 3/4" O.P. at SE Cor of

	+	N	−	S	E
N44°30'W	44°30'L	N46°30'E	5.77	N46°42'W	
			6.09		Ruben line
S87°15'W	44°44'L	S88°41'W	6.00	S88°34'W	
	88°46'L	South	3 #4 3.56	S0°12'E	
	75°31'30" R	S75°31'W	10.78	S75°18'W	
	74°06'L	S1°25'W	4.7L	S1°12'W	
	61°28'R		25.44	S62°40'W	

line on North side of Creek

1582 links South of line

Dum South r Cross Creek

9 links E of
Tok Rob — SE Cor

D marks

Expense

Jas Cain	5 days	R R Fare	25-00
"	"	Dead	87
			$25,92
D D Sketon	2 days		$8.00
J H Strong	2 "		$8.00

July 17 1919

Survey of Geo K Quines Ranche N.H. Sebring and Donald Shelton Chainmen, see preceding pages

Frank Cain Kenney Zuine

Beginning at a Δ 3.41 Chs South of The S.E. Cor. Angles taken with Transit of The J.Q.C. Vandenbosh D.L.C. N° 47 in TP 30 S R 6 W

Thence	S.62°40'W	18.99	chains to North Side of County Road
"	S 52°23'E	2.88	" Along " "
"	S 64°46'E	2.95	
"	S 8° 01'W	1.482	" with Line of
"	N. 71°5'E	17.29	" " "
"	N. 2°24E	4.05	" " " to North Side of County Road
"	S. 62°09'E	3.07	" Along " " "
"	S 78°13E	3.76	" " " "
"	S. 48°27'E	7.37	" " " " To land of S B Riddle Estate
"	N. 68°34E	10.73	" " " " " To Rockhill
"	North	2.287	"
"	East	12.47	"
"	North	3.62	
"	West	7.36	
"	N 46°30'W	12.80	

Continue

July 17, 18, 19, 20

Geo K Quine

Thence	S88°34'W	6,12	Chains		
"	South	4,34	"		
"	S.75°18'W	10,78	"	To Robinsons land	
"	S.1°12'W	4,76	"		
"	S.62°40'W	6,45	"	to place of beginning	Cont. 114,1333 Acres

Description of Land sold by FL Ainsworth To FE Ferncorn

Beginning at a point in E of County Road 347 Railway Exch 13 ld

17,01 chs South of ¼ Corbet Secs 26 r 27-30-4 Chicago

"	S.0°5'E	2,7			
Thence	South	30,43	chs		
"	N83°14'W	11,10	"		
"	N0°51'E	21,53	"		
"	East	6,00	"		
	North	5,25	"		
	N63°47'E	5,25	"	To place of	beginning Cont 27,15 27,15/100 acs

July 24 1919

Survey for Austin Wilson and Max Kimmel

Beginning on the South line of the Isaac Flint D L C #45, on Sec line bet Secs 23 & 26 T 30 S R 6 W 2.28 chains west of the Cor. of Secs 23, 24, 25 & 26 T 30 S R 6 W on Right bank of Cow Creek Beginning on iron pipe 23.92 chs west from The 1/4 Sec Cor bet Secs 24 & 25 T T 30 S R 6 W Com

Thence North 5.32 chs to Cow Creek

" N 89° 46' W 16.25 " " of Cow Creek & The South line of

" following The meandering The Isaac Flint D L C #45 Com

" Thence East on line bet Secs 23 - 26 18.38 chs to place of beginning Cont. 9.21 Acs more or less

Also Beginning at a point 5.32 chs North and 23.92 chains west from The 1/4 Sec Cor. bet Secs 24 & 25 T 30 S R 6 W

Thence north to Lands of Helen G Riddle

" west to Cow Creek

" S westly following meander of Cow creek up Si ream to point N 89° 46' W of place of beger

" S 89° 46' E 16.25 to beger Cont 2.89

Survey for A.L. Aikens and B.B. Bullwinkle

Aug 1 1919. Bullwinkle, Ed Aikens, Frank Cain Chainmen -

Beginning at a Δ 9.75 chs West and 61 links South of the ¼ Sec

Corner bet. Secs 26 & 27 TP 30 S. R 6 W.

Thence	South	24.08	Chains		
"	West	1.00	"		
"	~~South~~ S 00°51'W	5.00	"		
"	West	6.59 6.64	"		
"	North	24.71	"		
"	N 60°15'E	8.80	"	To place	of Beginning Cont 20.04 20.05 Acs

Description F E Ferncorn.

From A.L. and Raymond Aikens

Beginning at a Δ in ℄ of County Road 17.01 Chains South of ¼ Sec Cor

Bet Secs. 26 and 27 TP 30 S R 6 W

Thence	South	30.43 29.15	Chs		
"	N 83°14'W	11.10	"		
"	N. 0°51'E	21.55	"		
"	East	6.00	"		
"	North	5.25	"		
"	N 63°47'E	5.25	"	to Beginning	Cont 27.15 Acs

George Ballinbaugh et al

a Strip of land 18 links wide in

T30 S R5 W and Beginning at

the Cor of Secs 21 22, 27 + 28 and

Runs due East Just West of the Fence

on the South side of the Dirt Lane

Begins, East of the Sec line between Secs

21 + 22

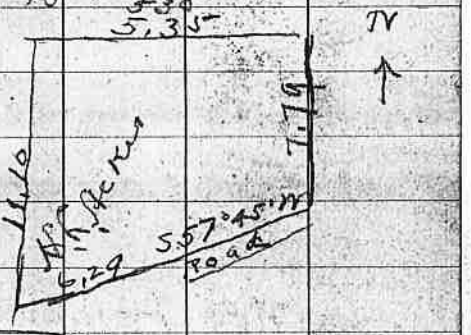
to D L Mc Cann

Begins West of the line between Secs 21 + 22

a P on Sec line 9.40 chs North from

running thence North to S W Corn

J Gogley Diff # 18 T 30 S R 5 W



Begin at a P 20,42 North 37,89

	7.74	Calculated	
North	7.78	Measured	Corrected
West	5,32		
South	11,10		
N57°45'E	6.29	to beg	

Cont, 5,01 Acres

Above for Ny Ackers

East from Stone Sec 23 T30 L

description

North	7,12
West	1.10
North	.62
West	4 22
South	11. 10
N57 3/4° E	6.29

to beg Cont 4,94

to Mrs. Addie Nichols

Aug 18 1919

Survey for Frank Hopkins Irrigation pump

Beginning at S.E. Cor. of Joseph Roberts D.L.C. 59, T 30 S

S 43½° W	1.49 chs	
S 29¾° E 50'	5.04	
S 57¾° E	9.50	
East	0.38	To A of diversion

9.51 chs East and 10.65 South

From S.E. Cor of Jos Roberts D.L.C. 59

Vert V+10'50' Dist 5.70 chs = EC. 6 L.4 L

Aug 31 1919

Levels for xSec Con

Sta	+	X	−	IF	E
	+0.4	100.4			
0					
+10				7.00	93.4
TP	0 4		9 4		91.8
+15		91.4		2.8	
+20				5.0	
+30				8.1	
TP	9.00		9 8		81.6
+40		90.6		10.5	80.1
1+20				10.4	
+30				9.0	
+40				5.1.2	
+50				2.6	
TP	10.6	91.2	0.6		90.2
+60				3.6	
+65				1.00	

Creek above Island Creek

Assumed El 100.5 Sta 29+

on old line

Water Edge South

" " North

Aug 31 1919

Levels from water Edge Island Creek to Upper end of Island

+	—	
6.3	4.1	
6.5	4.7	
10.1	9.4	
	4.0	
	0.0	
	9.9	
	+4	
	8.00	
0.9	7.70	
8.0	10.5	4

7.1 in Pt draw
Top of grave Ridge
" " ground = RR from Jones
in draw north = 9.4 "
Top of Island 4' above water

4 Top of rock ledge in of Island
Cow Creek Low water

Sept 15 1919

Survey for E. T. Cochrane

M.C.	Def	C.C.	Dist	
South	67°00' R	South	2,58	
S67° W	14°28' L	S67°00'W	23.00	
S81°35' E	2°39' R	S81°28' W	4,02	✓
S84° W	91°18' L ~~210~~ 49	S84°00'W	12,00	See deed
S10°30' E	79°48' L 77	S 10°21'E 7°42'E	2,20	
East	35°15' L	N89°57' E	32,55?	
N54° E	14°45' L	N54°32'E	4 23	
N 40° E	11°31' 11°01' L	N39°51'E	2,11	
N 28°30 E	10°22' L 23	N28°20'	2,21	
N18° E	5°14' R 10	N17°57'E	4,28	
N73° 15' E	114°24' L	23°07'E	5.00	
	88°12' L 73	N88°43'W	16,88	To beg in
		Plso	2 acres in Creek	

50

Coinr Manzanipc/ Chainmen

Expense

Carle and Cochrane

2½ days Surveying 13.75

Record Notes 1.00 .50 = 15.25

7.62 3.25 = 15.87

To Cochrane 1½.

remains 2½ days at 10 =

Carle ½ boundary, 7.62 coin

1 day 5.50 = 13.12

Von Mayo Cole 8 =

" 1¼ " 4 5.00 = 13.00

Cost 35.38

upper end of 1¾ interior lower end

Sept 18 1919

Survey for E R Cochrane and J C Carle to
To Establish N E Cor John Catching D & C # 40 T 30 S R 6 W.
Begin at S.E. Cor. C/ 40 and measure North with East
line to N W Cor C/41 which Establish by original S.T.
I find this 61.36 chs instead of 60.92 given in field notes
Taking porportional distance I Establish The N E Cor of C/40
at a point 51.75 North from S E Cor
Reper Cor by Setting a rock 8x8x16' marked + 40 from which
A Black Oak 42" brs N 72° 20' E +61-1/2 Ks
From The N W Cor of C/40 run a random line west-Var 21° E
62.56 intersect 4 links North of Corner previously Established
Thence I run live line
N 89° 52' W 62.56 To Beg inning

T.30.S 52

Sep 17 1919

Survey for J.C Carle to determine area in that part of John Catching Dec'd lying north of Cow Creek and owned by T. J. Amspoker

MC	Def	CB.	Dist		
South	90°16 89°44'R	South	1,67+75		
S 48°30 W	48°22'R	S 48°22'W	1,01		
S 57° W	8°33'R	S 56°55'W	6,48		
S 61°50'W	4°46'R	S 61°41'W	6,21		
S 86°15' W	24°23'R	S 86°04'W	2,03		
N 79°30' W	14°11'R	N 79°45'W	5,28		
N 86°30'W	0°46 47'L	N 80°31'W	4,60		
N 84°16'W	3°+C L	N 84°17'W	3,15		
N 83° W	1°9° 10'R	N 83°07'W	2,57 2,39		
N 76° W	7°00'R	N 76,07'W	2,34		
N 62°30 W	13°17'R	N 62°50'W	3,01		
South	62°34'R	N 0°16'W	+4,57	+75	
E W	90°R	N 89°44'E	34,05	J. begin	Cont 25,23

Oct 26 1919

Survey for La Blanc

Beginning at a A 20.00 chains north and 20.00 chs East from Cor of Secs 15,16,21&22 T30 S R5W — var 20° E —

East	20.00	
South	4.60	to north line Samuel Gazley DLC 49
West	14.43	" West " " " " "
S1°12'E		
S1½° E	15.36	
West	2.10	To Iron pipe
N5¼°W	1.59	" " "
N4° W	3.27	" " "
N6° W	3.70	" " "
N12½°W	7.00	" " "
West	1.52	" " "
North	4.60	to beginning

Area 13.51 acres

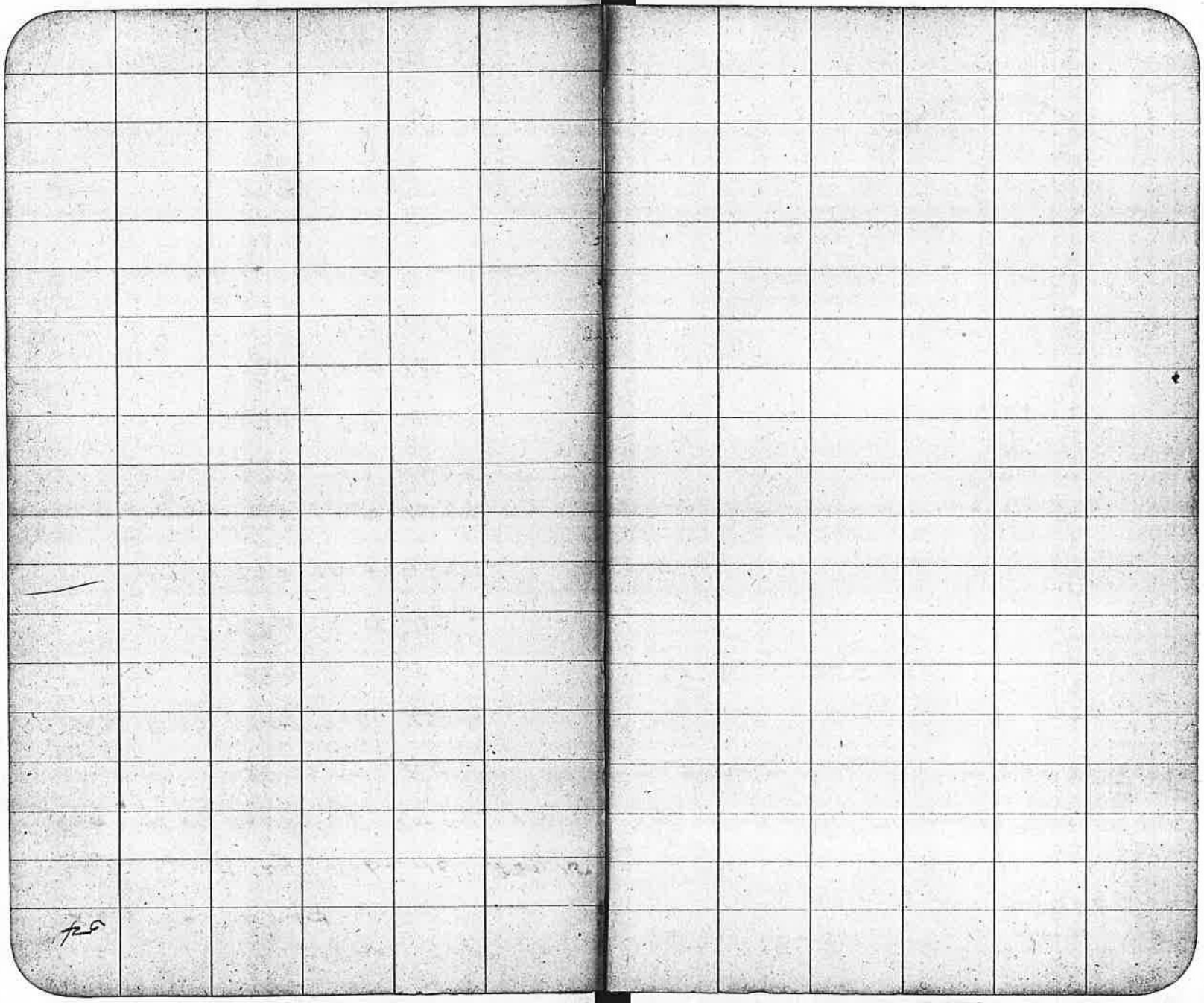
Note — Excess lines runs N18°22'E Calculated, for 14.43 chains

Area = 7.000 L.D.L.B.T. for NW Cor Cl 49

K.L. Pease Adolph LaBlanc
Chainmen

S. 1/4 76 to 3 mm

53



Levels Copper Flat to Doe Cr Road

Surveyed by Robertson May 15

End	16.36	South of	Cor 28, 29, 32		
	+	H	−	El	
752 USBM	8.90	760.9	2.3	758.6	
	3.3	761.9	2.3	759.6	
	5.7	765.3	2.9	762.4	
	4.8	767.2	10.1	757.1	
	0.6	757.7	10.0	747.7	
	2.2	749.9		742.9	7 00
	3.9	748.9	4.9	743.0	
	0.6	739.5	10.0	738.9	
			8.7	730.8	
	39.0		51.2		

Cow Creek

Oct 30 – 1919

1903

-23 – 30-26

Foot of Mg Gin

BM Cen Tun

Wales Edge

											12.5 13 99.5
sta	+	ℋ	−	ℋ	E	G					
0	2,0	102,0			100,00		BM top of fir stump				
1	2,0	101	3,00	3,00	99,00						
2				4,00	97,00						
3				4,5	96,5						
4				2,0	99,0						
5				1,0	100,0						
TP	5,5	100,5	6,0		95,0						
6				3,0	97,5						
7				4,0	96,5						
8				5,0	95,5						
9 TP	3,0	99,5	4,0	4,0	96,5						
	12,5		13,00								

Nov 27 1917

Baton Cain Pl.

H Baath 18 day w 6 5 = 5 = 0 $ 45 00

mrs H S. Baath

oct 9 1 sk turnips .75

" 13 " Grn Corn .75

" 16 1 Box apples 1 00

$47.25

N S Nichols E 2 SW 4 NE 4 Sec 4 T 31 - 7

" " NW 4 SW 4 " 4 " " "

SE 4 SW 4, E 1/2 SW 4 NW 5 Sec 34 " 30 - 7

Eugene Farrell
5405 - 74th Ave. S.E.
Portland Oregon
E 2 of S. W 4 of S. E. 4 of
Sec 36. Twp 30 S.R. 7 W
Douglas Co 20 Acres

735
718
17

220
1225
7.7
16
91

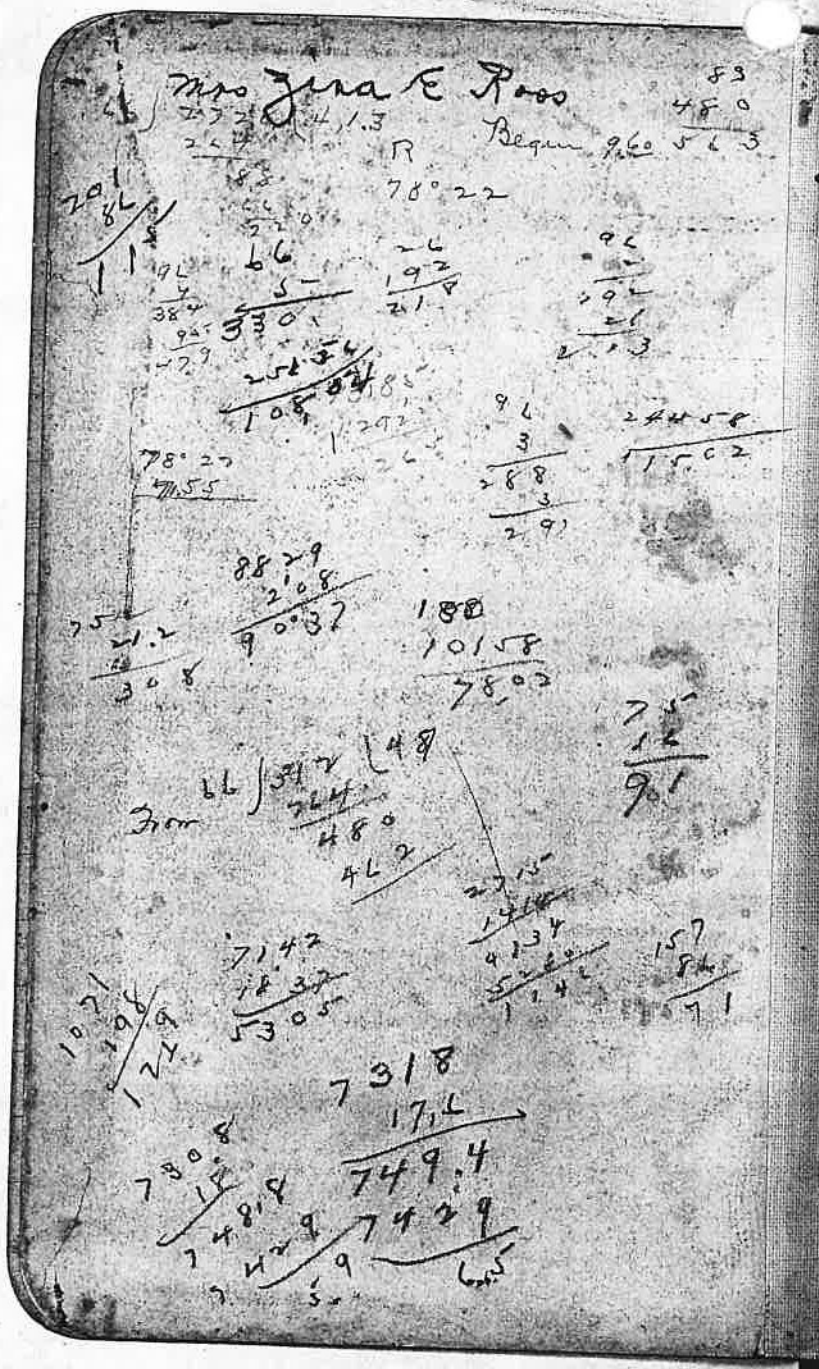
in road 4.31 L

373

165

2672
13.36
1320
16

660
16
676



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.0	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY