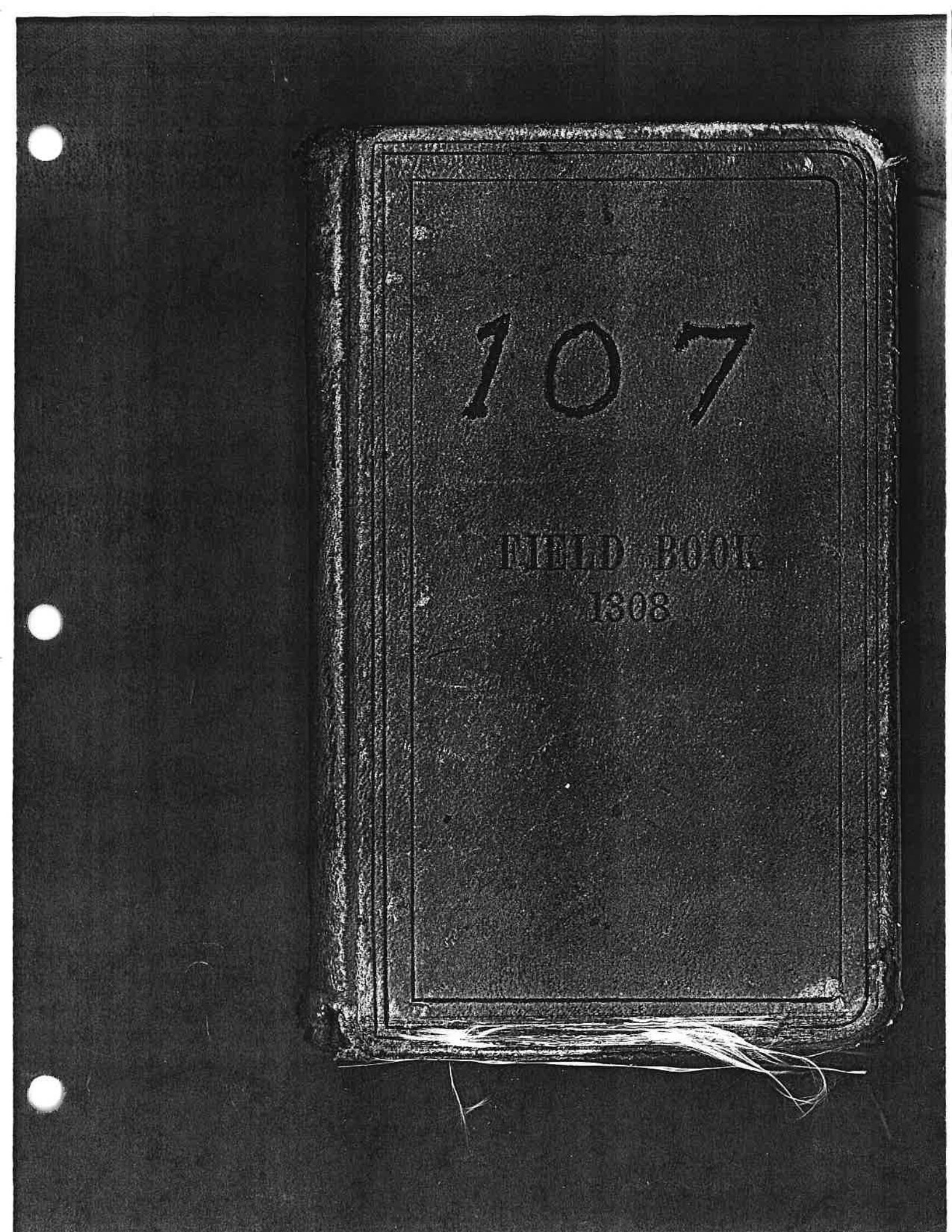
Field Book #107


107
FIELD BOOK
1908

Lee Bjorn
813 Short St
c/o Frank Hite
Parkersburg

1338

Ref
D-4

78121

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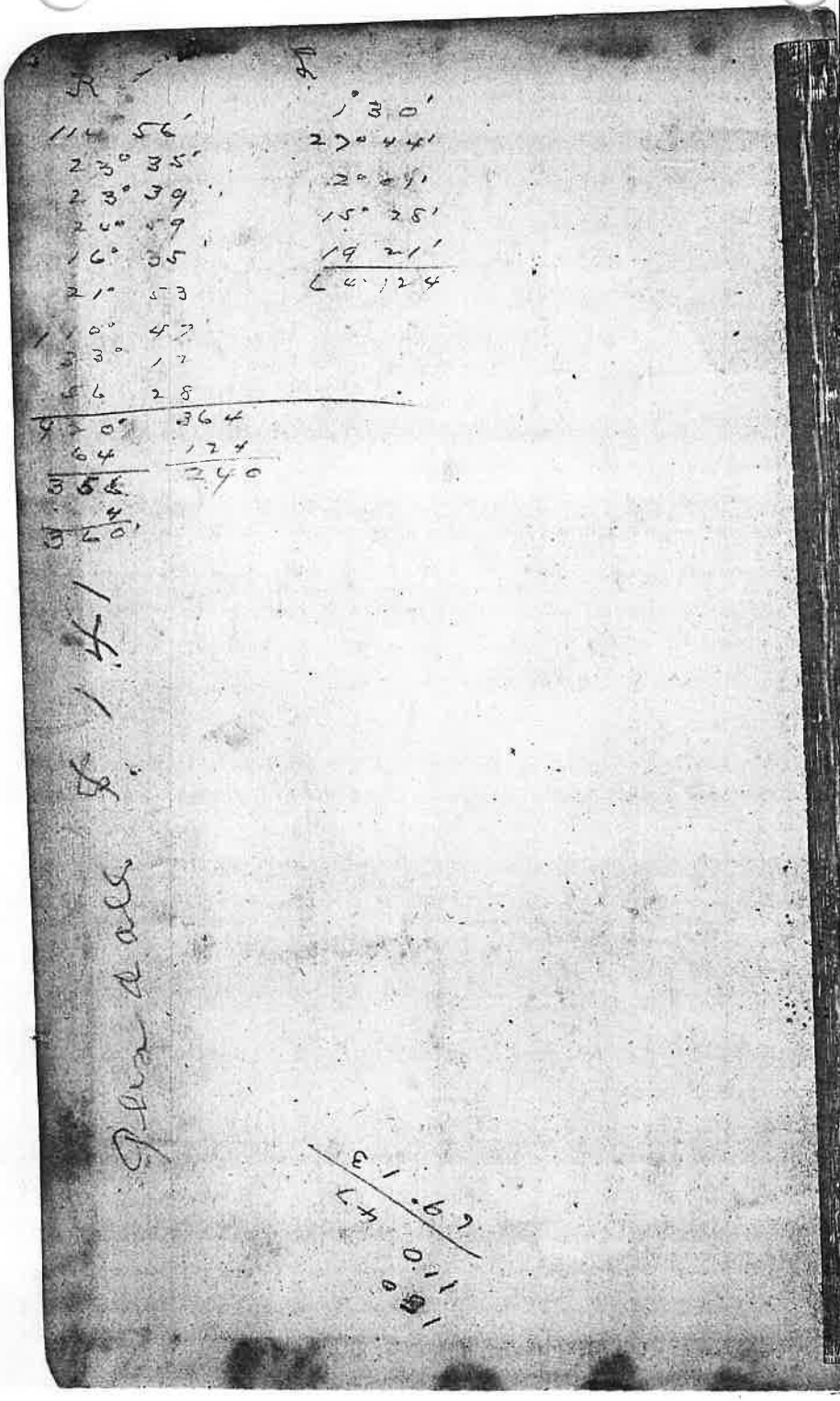


Levels Cow Creek & Middle P	1
" Glenbrook to Rattle Snake	7
" Helms Ditch 4 to	11
Fred and Madge Johnson 29-5, 12-18	
Johnson and Booth 32-5	19
Wm Pickett Payne 32-5	19
" "	19
J.D. Cornuh Ditch 30-6	20
Helms Ditch 21-7	31
U.S. - Adele Nichols	32
J.D. Maduche 31-1	33
H. Hollenberg — Doner 30-6	33
Riggs et al 30-5	34
Geo Cheney 32-4	34
44 Acres 30-6	35
T.E. Richardson — 29-28-5	36
T. B. Johns and Sons 32-5	37-40
Levels Squirtle Creek Irrigation Ditch	41-60
Meander " " "	60-62
Geo. M. Ballenbaugh 30-5	63
Bert Ross 31-6	63
Bert Riddle, Frank Fale 30-3	64-65
J. A. Ritter 31-3	66-67
Geo M Strong, Irrigation Head Gate 33-7	67
Subdivision Johns Ranche 32-5	35
Bill Wills 30-5	47
Strong ditch 33 7	

S.B.F. Nichols et al

Nov 12	1m PM	from Cor	10, 11, 14 & 15
South	8.28	Intersect 204	west of Cor
N 1° 38' W	41.09	Set ¼ post	on line
North	All day	on time	
Note —	Var — 19° 53' E	on random line	
North	in AM,	Begin at ¼ Cor	bet 11 & 14
South	20.00	— Var 22° 45' E —	at ¼ post
PM	Begin	at ¼ post	bet 9 & 16

Run North 1/2
" " West 1/2
" " West 1/2
" " East 1/2

T30 - R1

Run South
— Var 21° 07' E —
a stone 6x8x12', from which
A.J. Pine 42" in dia brs S 83° E 163 lks
a Cor " Cedar 30" " " " N 89° 35' W 276 "
and run —
— Var — 21° 36' E —
run line North — Var 21° 07' E + 5 PM

Expense
Miles $ 3.85
Auto 6.80

Dec 29 1919
Levels from BM at Hotel at Riddle to Bridge

U.S. Geo BM. Riddle

682
679.74

	+	⊼	−	
705				
	2.25	707.25	10.15	697.10
	0.64	698.74	7.49	690.98
	0.89	691.64	8.98	682.41
	3.78		26.32	

Top of pipe L Hub Rail on W.M. Cor Bridge. Coin Cr.

705.00
3.78
708.78
26.32
682.46

Dec 29 1919
Levels from low gap on Wilson Creek to B.Oak at A.L. Aikins House

+	−	
0.7	10.0	
1.45	9.78	
2.69	6.93	
4.03	10.00	
0.10	10.00	
0.17	13.80	B. Oak. Aikins House
9.14	60.51	
	9.14	
	51.37	+700 = 751.37

FL. in Gap Wilson Creek. Aikins

Dec 29 1919

Levels from Glenbrook to Rattlesnake

	+		−		
BM 720	5.79	725.19	7.16	718.03	
	5.42	723.45	3.44	720.01	
	3.65	723.61	2.22	720.84	
	5.56	726.34	2.06	724.28	
	5.10	727.38	2.08	725.30	
	6.54	731.84	2.58	729.26	
	5.78	735.04	1.99	733.05	
	4.90	437.95	2.99	734.96	
	7.68	742.64	9.74	732.90	
	0.72	733.62	9.90	723.72	7.00
	1.88	725.60	7.60	718.00	
	36				
	54.84		51.76		
	80				

BM 726.62 on N Oak 4" 1.5 ft north 538 ft 30.5 mm Brass

7254.0
18.
7.6

2

Dec 30 1919

Survey of Helms Irrigating Ditch Grade - .075 = 3.90 per mile 3

Beginning at top of Dam Sta 0+00

Sta	+	H.I.	-	G.R.	R. 730.80	E. Helms Estate	G.
TP	8.18	738.98	0.92		738.06		Bm. Feder = 6"
0	4.28	742.34		3.28			739.06
1				3.34			739.00
TP	6.89	746.66	2.57			739.77	
2				7.72	3.60	743.06	738.94
3				7.78	4.68	741.98	738.88
4				7.84	5.25	741.41	738.82
TP	7.10	748.94	4.82		4.82	741.84	
5				10.18	6.70	742.24	738.76
6				10.24	4.40	744.54	738.70
BM					3.53	745.41	Tunnel 8" Sta 6+ R6
7				10.30	2.35	746.59	738.64
8				10.36	0.50	748.44	738.58
TP	2.62	751.55	0.01			748.93	
TP	0.63	745.49	6.69			744.86	
9				6.98		738.50	738.52
10				7.04			738.46
11				7.10			738.40
TP	4.59	745.43	4.65			740.84	Noon
12				7.03			738.34
13				7.09			738.28
14 TP	5.02	743.97	6.48			738.95	738.22
15				5.81			738.16
	39.31		26.14				

	+		−	GR	R	E	G	H
16		743.97		5.87			738.10	
17				5.93			38.04	
18				5.99			37.98	
TP	5.05	743.57	5.45			738.52		
19				6.55			37.92	
20				6.61			37.86	
21				6.67			37.80	
22				6.73			37.74	
23				6.79			37.68	
TP	4.77	742.68	5.62			737.91		
24				5.96			37.72	
25				6.02			37.66	
26				6.08			37.60	
TP 27	5.10	743.14	4.64	6.14	4.64	738.04	37.54	
28				6.66			37.48	
29				6.72			37.42	
30				6.78			37.36	
BM					7.32	735.82		15L 29+75 Oak pine 12"
31				6.84			37.30	
32				6.90			37.24	
TP 33	4.41	741.29 741.39	6.26	6.96		736.88	37.18	
34				5.27			37.12	
35				5.33			37.06	
36				5.39			37.00	
TP 37				5.45			36.94	
	19.33		22.01	-				

				GR	R	E	G	
		741,29				736,24		
		741,39	.503			736,34		
		738,70 ✓						
38	2,44	738,80		2,92			735,78	
		742,26						
TP	5,56	74236	✓ 2,06			736,80		
39				6,54			35,72	
40				6,60	3,15		35,66	
41				6,66	4,70		35,60	
42				6,72	5,90		35,54	
43				6,78	6,55		35,48	
		737,71 ✓						
TP 44	1,97	737,81	6,52	6,84		735,74	35,42	
						735,84		
45				2,35			35,36	
46				2,41			35,30	
47				2,47			35,24	
48				2,53			35,18	
49				259	11		35,12	736,12
BM	1,19	737,32	✓ 1,58		1,58	736,13		4 PM
	11,16		15,15			736,23		Dpt 5 Nov D 46 – 70
50				1,26			736,06	Dec 31 8,50 AM
TP 51	5,66	741,90	✓ 1,08	1,32		736,24 ✓		
52				5,90			736,00	
TP 53	3,21	739,69	✓ 5,42	5,96		736,48	735,94	
54				3,81			35,88	
TP 55	1,67	737,45	✓ 3,91	3,87		735,78	35,82	
TP 56				1,69			35,76	
57				1,75			35,70	
58				1,81			35,64	
+ 59	6,03	74216	1,37	1,87		736,13	35,58	
	27,73		25,28					
			1,56					
			23,72					

	60		74216		6.64			73552
TP	61	1.59	737.80 ✓	5.95	6.70		73621 ✓	46
	62				2.46			3540
TP	63	4.96	740.80 ✓	1.96	2.46		73584	3534
	64				552			3528
	65				5.58			22 Rattle Snake
	TP	2.41	741.50 ✓	1.71	1.78		73909	
	BM					2.93	73847	
	66				6.34			3516
TP	67	5.33	740.83 ✓	6.00	6.40		73550	3510
	68				5.77			3504
TP	69	4.31	739.76 ✓	5.38	583		73545	3498
	TP	10.27	741.35 739.75 ✓	10.28			72948	
	70				4.83			3492
	71				4.89			3486
	72				4.95			3480
	TP	4.92	742.67	2.00			73775	
	73				7.93			3474
	74				99			3468
	TP	11.20	750.83	3.04			73923	
	TP	2.26	740.71	12.38			73845	
	75				6.03			3462
	76				6.09			3456
TP	77	2.44	738.08 ✓	5.07	6.15		73564	3450
	78				3.52			3444 ✓
		49.69		53.77				

79		738.08		3.58			73438	
80				3.64			3432	
BM TP	4.76	738.61	4.23			738.85		8" Oak 80+20 R
81				4.23			3426	
82 TP	6.13	744.74	00			738.61	3420	
83				10.42	1.00		3414	
TP 84	6.44	739.80	11.38	10.48		73336	3408	
85				5.66			3402	
TP 86	2.14	-36.43	5.51	5.72		73429	3396	
87				2.41			3390	
88				2.47			3378 3384	
TP			2.15			73428		4:20 PM Dec 31 - 19
89	5.35	739.63			0.8			Jan 1 1920
89				5.91		73883	3372	
TP 90	4.98	739.09	5.52	5.97		73411	3366	
91				5.43			3366	
TP 92	5.26	738.22	6.13	5.49		732.96		
93				4.62			3360	
94				4.68			3354	
95				4.74			3348	
TP 96	6.25	740.22	4.25	4.80		73397	3342	
97				6.86			3336	
98				6.92			3330	
99				6.98			3324	
BM	5.60	740.08	5.74			73448	Top of Oak Stump SE 98+85	
	4798		4491					

								14 Sta 2	1238 / 1104 / 134
100		740.08		6.90			733.18		258
101				6.96			33.12	3+45 3+58	13
TP	3.80	739.23	✓ 4.35			73583			145
102				6.57			33.06		71
TP 103	3.11	736.34	✓ 6.40	6.63		73323	733.00		
104				3.40			32.94		
105				3.46			32.88		
TP	5.78	738.70	✓ 3.42			73292	32.82		
106				5.88			32.82		
TP 107	10.37	743.59	✓ 5.48	5.94		73322	32.76		
108				10.89			32.70		
109				10.95			32.64		
TP	12.33	763.83	✓ 2.09			74150		260 ft 12x4	
115+35 TP	8.14	755.97	✓ 5.00			74883		310 ft TP	
TP 16				24.87			732.10		
TP	2.27	746.22	✓ 13.02			74395			
17				1.416			32.04		
TP	3.62	736.84	✓ 13.00			73322			
18				4.84			731.98		
TP	4.31	736.18	✓ 4.97			731.87			
19				4.14			31.92		
120				4.20			31.86		
TP	5.20	737.05	✓ 4.33			731.85			
BM				1.23	2.35	733.70		13 Oak 2'	TP 4+30
121				5.23			31.80		
	58.93		61.96						

		737.05						
TP 122	3.82	738.34 ✓	5.53 ✓	5.29		731.52	731.24	
123				3.44			31.68	
TP	6.60	735.66 ✓	6.28			729.06 ✓		
124				4.82			31.62	
TP	5.03	735.46 ✓	5.23			730.43 ✓		
125				3.88			31.56	
TP	3.91	737.34 ✓	2.03			733.43 ✓		
126				5.82			31.50	
127				5.88			31.44	
128				5.94	3.20	734.14	31.38	
TP 129	2.24	735.83 ✓	3.75	6.00		733.59 ✓	31.32	
130				4.47			31.26	
BM	3.16	735.89 ✓	3.10		3.10	732.73 ✓		Paint 12" ⊥ 130+50
131				4.59			31.20	
BM	3.58	733.15 ✓	6.37			729.57 ✓		430 PK 1-1-20
132				2.01			31.14	
TP	4.19	735.16 ✓	2.18			730.97 ✓		
133				4.08			31.08	
TP 134	6.45	738.65 ✓	2.94	4.14		732.20 ✓	31.02	
135				7.69			730.96	
TP 136	4.93	735.48 ✓	8.10	7.75		730.55 ✓	30.90	
BM					5.50	729.98		Paint L 135+80
TP 137	6.41	737.99 ✓	3.90	4.64		731.58 ✓	30.84	
138				7.21			30.78	most SE side of rock notch
TP139	6.01	734.60 ✓	9.28	3.88	9.40	728.59 ✓	30.72	✓
	56.33		49.38					

TP 140		734.60	4.92	3.94	
T 141	3.47	733.15		2.55	
TP	4.55	736.62	1.08		
142				6.08	
TP	3.26	736.41	3.47		
143				5.93	
TP	3.95	736.48	3.96		
TP 144	0.93	734.36	2.97	5.98	
145				4.00	
146				0.6	
TP	3.68	732.53	5.52		
147				2.38	
148				2.34	
BM	5.58	737.19	0.91		
149				7.01	
TP	4.60	732.76	9.03		
150				2.64	
151				2.70	
TP	7.75	737.23	3.28		
152				7.23	
153				7.29	
TP	5.89	737.19	5.93		
154				7.25	
155				7.31	
156				7.37	
	43.66		41.07		

72968	30.6
72968	3060
732.07	
	3054
733.15	
	3048
732.45	
733.43	3042
	3036
	3030
72884	
	3024
73161	
	3018
72816	
	3012
	30.06
72948	
	3000
73130	
	72994
	2988
	2982

N 89° E, 1448+04
Williams Fm
M1 = Cent. Linear Sand Stringer Sand
Glenwood Beach

		737.19			
TP 157	5.27	735.69	6.77	5.93	
158				5.99	
BM					2.57
TP 159	1.52	731.38	5.83	1.74	
160				1.80	
161				1.86	
162				1.92	
TP 163	3.67	733.43	1.62	1.98	
164				4.09	
TP 165	12.92	742.74	3.61	4.16	
TP 166	12.49	755.23	0.00	13.46	
TP	5.29	760.52	0.00		
TP	0.62	748.24	12.90		
	0.18	735.67	12.75		
170				6.81	
TP 171	3.85	733.00	6.52	6.87	
BM					2.35
172				4.20	
173				4.26	
TP 174	4.59	732.94	4.65	4.32	
175				4.32	
TP 176	3.04	732.18	3.80	4.38	
BM			2.80		
	53.44	2	60.25		

730.47		
	729.76	
	29.70	Top of small 2" pipe at Sta 157+90
733.17		
729.86		
	29.64	
	29.58	
	29.52	
	29.46	
729.76	29.40	
	29.34	
729.82		
742.74	29.28	
755.23		
747.62		
736.49		H.I. = bottom of steel stake Sta 162+00 at 8.0 over
	728.86	
729.15		
730.05		Top of 171
	728.90	
	28.74	
728.36	28.68	
	28.62	
729.14	28.54	Ground Elev =
729.38		Bottom of 176+20

Jan 2-20 4:20 PM

T.B. Richardson, Chainmen
Frank Stephenson
Maggie Johnson | John Lisenberg, Flagman

Survey for Fred and Madge Johnson

Jan 8 1920

Begin at Cor. of Secs 7, 8, 17 & 18 T29S. R5W

North		Assume Var 20° E and run
"	40.00	Intersect 1/8 ins East of ¼ Post Thence
S 1°41' E		on true line Set Secs 7 & 8
" "	20.00	Set Subdivision post
"	40.00	To Sec. Cor.
		From Sec. 1 run

South

Jan 9 Begin at A.E.S.

South	39.54	Intersect ¼ mest
N 1°45 W	19.77	Set Subdiv Post
west	20.00	" " "
N 1°45' W	7.89	

Establish S.E. Cor. of D.L.C. # 38. by original B.T. W.O.K. 12" N 15° W 6.32 Lks

5:10 P.M. Jan 9 1920

3 Jan 10-1920

Begin at Cor Secs 7, 8, 17 & 18 and turn 90° L from A on true westbnd of Sec 17 and run

East

	on random bet Secs 8 and 17	
	22.60	Creek c.S.W.
	40.00	No evidence of ¼ post or BT: line runs along steep hillside on steep sidehill South side of Creek
		Creek bottom and Pst
	50.00	4:15 P.M.

Johnson Continue

4 Jan 12 - 1920

Begin at a set on Jan 10 and
East 78.86 intersect 51 6 links

Note true bet Sec 8 & 17
Should be S. 89° 38' E.

5 Jan 13 Continue line
S. 89° 38' E 40.00 Set temporary 1/4
73.23 5.00 PM

6 Jan 14 Continue
S 89° 38' E 77.81 Intersect 61 links

South 40.00 Set conglomerate Rock
4.00 PM

Continue
North of Cor which I Establish by
Original BTs Mound of rock 2' high 2' dia
1 remark Pine in Sec 17, as old markings
are grown over T 29 S R 5 W S 17. Jan 13 5.00 PM

Stake, No evidence of Oak BTs
{ A pine 10" 30" in dia North of line
Marked 1/4 S 17 BT Not given Notes

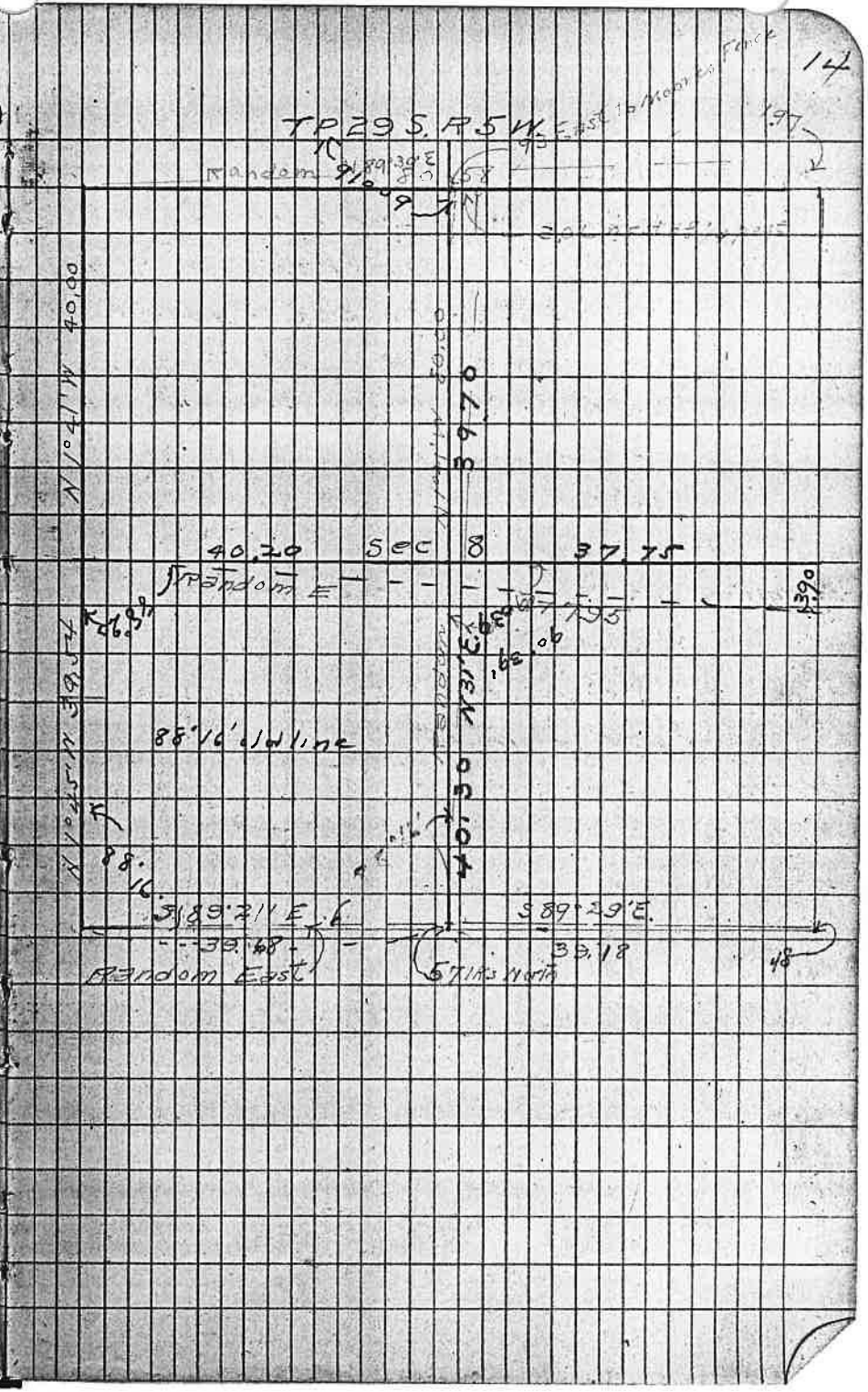
South of Cor. I reneu by Pitch Pine post
4" x 4" x 3½ marked as per instructions and
set firmly in ground. Reneu BT in Sec 10
by marking a Fir 12" in dia S 10 T 29 S R 5 W (BTs)
Bears N 62° 35' E 59 links
at 39.40 Set post no BTs to be found

Cor

Jan 15 1920

Go to 1/4 Cor bet 8 & 17 find
6 original BT, 2 Laurel 24" in dia
brs S 35° E 40 lks. I open and find
marking plain, Renew Cor from
this tree. Set post from which
A pine 24" marked CS 1/4 S 6 brs N 54° W 63 lks
Cedar 13 " " 1/4 " S 85 1/2° W 67 l

Random East 39.68 intersects 60 lks
North of 1/4 post
From 1/4 post and from East
line turn 91°41' L and run
N 1°41' W 50.00 5 PM



					Richardson away Shelton chainman
Jan 16	1920				
	Begin at ¼ Cor bet Secs				7 & 8 and run S. Shelton in pm
E			on randum Thru		Center of Sec 8
	77.95	Intersect 3.90			South of ¼ post. Establish Cor by BT
					in Sec 9 BT in Sec 8 destroyed
					8 rore pitch pine Stake 4x4x3½" marked
					¼ S.C.S. and mark w Oak ¼ S.C.S. B.T. Cor
					bears S 69° W 9 links. 4:30 pm
Jan 17	Continue				
North			through center		Sec 8 Find no Evidence of BTs
			on line bet.		5 & 8 5:00 PM
Jan 18	Sunday		From Riddle		to Myrtle Creek to See Johnson
" 19	Begin at ¼ bet 5, 7 & 8				and run offset 3 lks East of line
North	40.00	Intersect 5 links			west of Cor 5:00 PM
					Frank Stephenson and Donald Shelton Chainmen
Jan 20	Begin a Cor Secs 5, 6, 7 &				8 Established by original BTs and run
N 89° 30' E	40.36	no Evidence of ¼			post at BTs Continue
" "	64.00	5:00 PM			
Jan 21	80.58	Intersect 1.97 Chs			North of Cor Secs 4, 5, 8 & 9 which I reserve
		from BT in Sec 8			all other BTs destroyed Stump in Sec 9
		rotted markings dim			I mark Fir post for Cor. from which
					Fir 30" indid brs N 8° 30' E 65 lks
					" 18" " " " N 77° 15' W. 37 "
					" 20" " " " S 26° 30' E 6 "
					" 24" " " " S 24° W 56 "

Jan 21	Continue on true line	bet Secs 5 & 8
N89°06'W	20.14½ Set a rock 10x10x10	for Subdiv. Cor from which
		a B. Oak 30"	marked 1/16 S C S. brs S. 34°15'W 130 lks
		" W " 14"	" " " " " N 53°15'W 100 " Cu2
	From above a / was	
N.0°30'W	20.00 to post	
N89°06'W	20.00 " " Marked 1/16	Sec's
Note—	this for an approximation	of Subdivn 5:00 PM Jan 21 - 20
Jan 22	Renew ¼ post Bet Secs	5 & 8 an Oak post 4x4x3½ Marked ¼ S C S Cu
		A W Oak 10" brs N80°10'E 52½ lks
		B " 24" " S 65°15'W 136 "
	Establish Center of Sec	8 by pitch pine post 3½x4x3½
		a Pine 36" in dia brs S80°35'E 264 lks
		" " 36" " " " N80°35'E 314½ "
		Surface of rock 7x12x4 high S 41° W 237 "
Note -	-var- 20°E Assumed	in taking bearings to B.T.
Jan 22	1 PM.	
	Begin at ¼ Cor bet	Secs 8 and 9 and produce
		Extension of E & W ¼ Sec 8
East	19.45	
North	19.85	
West	16.00 5th PM	

J—		
Jan 23	Begin at Sub Δ 60.43½ East	from NW Cor of Sec 8 and run
S	1985 to post Set Stake	on line to Connect with line from
	Sec 9	
1 "	in PM Begin at post	Subdiv Set Stkg and run
S 1°45'E	To Dunnavins fence 5 Pm	
Jan 24	From the L cor (Fence)	measure East 17.23 to mound
	of rock on open hill side	Established Ex DLC From this
	Δ back sight and turn.	90° L and run.
South	1436 distance given in	field notes to S.E. Cor.
	Note — ℄ of Lane is 35' South	of assumed East line
	I find B.T. for S.E. Cor D.L.C	tree cut down, Stump standing
	and Markings plain —	Noak 12" in dia N 15° W 6.32 links ℄
	Establish Cor by this B.T.	and measure on randum
West	14.00 Military road	Umpqua River, Fences with notes
"	17.00 Right bank South	
	From the ext. L Cor of D.L.C	38 on hill side B.S. on interior L Cor.
	on turn 93°54' L to true	line to East body of Claim
S 3°54' E	17.35 to S.E. Cor. C/38	—
Note	Aparent Error in dist	to B.T. of 3.00

30-6

Feb 4 1920

Survey for J.D. and J.M Cornutt

Beginning at a point from which

the Cor of Secs 11, 12, 13 & 14 T30S R6W

bears S 24° W 83 links

Thence — Var 20° E —

S. 88° 55' W	5.15	chains	
S 69° 15' W	2.42	"	
S 84° 20' W	12.44	"	
N 0° 17' W	21.77	"	to A from which

A. W Oak 14" in dia marked CS brs N 30½° E 41.2 lks

A Myrtle 12" " " " " " S 31° W 84 "

S 88° 52' E	24.24	"	
S 25° 15' E	14.64	"	
S 60° 30' W	12.12	"	to place of

Beginning Cont 53.5254 acres

Survey to Establish line bet F.E. Weaver and J.M Cornutt

Begin at point on line bet secs 11 & 14

20.15 Chs west of Cor Secs 11, 12, 13 & 14

North	20.00	"	to
S 88° 52' E	24.24	"	to Hedges Fence

A. from which,

A W Oak 14" marked CS brs N 30½° E 41.2 lks

Myrtle 12 " " " S 31° W 84 "

BT for ¼ post bet 11 & 14

W Oak 30" in dia marked CS ¼ S

Beam S 41° 0.5' W 23.2 links

T32-4-5F-by 5-6 1920

Survey for petition of Co Road
Frank Sanger. W.S. Booth et al
Begin at a in ℄ Co Road
west from ¼ Cor bet Secs
Thence Southeasterly up
Chains From ¼ Cor bet Secs

15.22 chains North and 2.99 chains
12 and 13 T 32 S R 5 W
Starr out Creek to a S 88°45' W 4.35
17 and 20 T 32 S R 4 W

Feb 7 1920
Survey for Jim Pickett and
Begin at ¼ Cor bet Secs
North 10.40 chains to South side
S 47°36'W 8.58 "
S 47°15'W 2.57 " to Picketts Cor
S 75°33'W 11.50 "
East 19.38 " to beginning

Payne
78 12 on Range line bet Rgs 4 + 5 T 32 S
County Road

Cont 7.06 acres

To Jim Pickett
Beginning at a a in
The ¼ Cor bet Secs 7-12
thence Northerly in Center of
East of a grey Stone marked X
thence West to Stone
" S 75°33'W 11.50 chains to
" East 10.38 " "
Cont 1 acre ±

℄ of Cow Creek 900 chains west from
T 32 R 5 W
Cow Creek up Stream to a in ℄ Cow Creek

a on South side of County Road
beginning

T 30 — 6

March 3-4 1920

Survey For. J. D. Cornutt

Note —	Tie For P.E. Cornutts land of 14.10 as mentioned indeed	
	Beginning at a point	
	D.L.C № 47. T P 30 S. R 6 W	
	chains west from the N.E. Cor.	
West	23.74	chains to lands of Abner
N 0° 33' E	46.94	"
N. 70° E	7.18	"
S. 50° 25 E	12.98	"
S. 27° 40' E	6.38	"
S. 18° 10' E	7.06	"
S. 53° 16' E	3.26	"
S. 7° 39' W	23.20	"
S 34° 16' E	4.60	" to place of beginning

Cont 98.07 acres

For Description and area in error. Should be 14.48 chains instead in North line of J. O. C. VanDenbosch, at S.W. Cor of P.E. Cornutts land 36.96 of Said Cl 47. Fiddle

Apl 27 1920

Survey Helms Ditch

BM	+	H	−	R	GR	E	G.E.	C	
	3.75	741.81			2.75 ✓	738.06			
0+00					2.765 ✓		739.06		
+25					2.78 ✓				
+50					2.78 ✓				
+75					2.795 ✓				
1					2.810 ✓		739.00		
TP	8.13	747.11 ✓	2.83			738.98 ✓			
+25				7.28	8.125 ✓			0.84	
+50				6.02	8.140 ✓			2.12	✓
+75				3.91	8.155 ✓			4.24	✓
2				3.88	8.170 ✓		738.94	4.29	✓
+25				4.28	8.185 ✓			3.90	✓
+50				4.87	8.200 ✓			3.33	✓
+75				5.25	8.215 ✓			2.94	✓
TP3	5.55	747.62 ✓	5.04	5.04	8.220 ✓	742.07 ✓	738.88	3.18	✓
+25				5.90	8.755 ✓			2.85	
+50				5.98	8.770 ✓			2.79	
+75				6.14	8.785 ✓			2.69	
4				6.00	8.800 ✓		738.82	2.80	
+25				5.82	8.835 ✓			3.01	
+50				5.47	8.850 ✓			3.38	
+75				5.46	8.865 ✓			3.40	
5				5.22	8.880 ✓		738.76	3.44	
	17.43		4 7.87	✓					

	+	747.62 X	−	R	GP	E	G	C
5+25				4,67	8,895			4,22 ✓
+50				4,29	8,910			4,24 ✓
+75				3,24	8925			5,68 ✓
6				3,07	8940		738,70 ✓	5,87 ✓
BM TP	4,84	750,25 ✓	2,21	2,21		745,41 ✓		
+25				1,67	11,505			9,83 ✓
TP +50	5,68	751,67 ✓	4,26	4,26	11,52	745,99 ✓		7,26 ✓
+75				6,42	12,955			6,53 ✓
7				5,35	12,970 ✓		738,64 ✓	7,62 ✓
+25				4,85	12,985			8,03 ✓
+50				4,34	13,000			8,26 ✓
+75				4,67	13,015			8,34 ✓
TP8	0,44	747,76 ✓	4,35	4,35	13,08	747,32 ✓	738,68 ✓	8,68 ✓
+25				4,95	9,035			4,28 ✓ 4,08
+50				6,44	9,05			2,76 ✓ 2,61
+75				8,00	9,065			1,22 ✓ 1,06
9, TP	4,85	743,63 ✓	9,08	9,08	9,08	738,68	738,52 ✓	5 PM 90 ± 7
+25					4,825			
+50					4,88			
+75					4,895			
10					4,91		738,46 ✓	
+25					4,925			
+50					4,940			
+75					4,955			
11					5,13 4,970		738,40 ✓	
	15,81		19,90					

	+	743.53 ✓ π	−	π	GR
11 + 25					5,145
+ 50					5.16
+ 75					5.175 ✓
12					5.190 ✓
+ 25					5.205
+ 50					5.22
TP + 75	5.13	743.39 ✓	5.27		5.235
13					5.11 / 5.09 ✓
+ 25					5.105
+ 50					5.12
+ 75					5.135
14					5.15
+ 25					5.165
BM				2.12	
+ 50					5.18
+ 75					5.195
15					5.21
+ 25					5.225
+ 50					5.24
+ 75					5.255
16					5.27 ✓
TP + 25	3.13	741.22 ✓	5.30		5.305 ✓
+ 50					3.15 ✓
+ 75					3.165 ✓
17					3.18 ✓
	8.26		10.57		

738.34 ✓

7738.26 ✓

738.28 ✓

738.22 ✓

74123 ✓ N.O.B.K 10" 10 π 13+80

738.16 ✓

738.10 ✓

738.09 ✓

738.09

738.04 ✓

		741.22					
17+25					3.195		
+50					3.21		
+75					3.225		
18					3.24		73798
+25					3.255		
+50					3.27		
19					3.285		3792
+25					3.30		
+50					3.315		
+75					3.33		
20					3.345		3786
+25					3.36		
+50					3.375		
+75					3.39		
21 TP	2.40 ✓	740.22 ✓	3.40 ✓		3.405	737.82 ✓	73780
+25					2.435 ✓		
+50					2.45 ✓		
21+75					2.465 ✓		
22					2.48 ✓		3774 ✓
+25					2.495 ✓		
+50					2.51 ✓		
+75					2.525 ✓		
23					2.54 ✓		3768
+25					2.55 ✓		
+50					2.565 ✓		

	+	740.22 X	−	R	GR.	EL	G
23+75					2.58		
24.					2.595		737.62 ✓
+25					2.61		
TP	5.26	74104 ✓	4.44			73578 ✓	
+50					3.39	78	
+75					3.405		
25					3.42		37.56 ✓
+25					3.435		
+50					3.45		
+75					3.465		
26					3.480		37.50 ✓
+25					3.495		
+50					3.51		
TP +75	5.21	74274 ✓	3.51 ✓		3.525	73753 ✓	
27					5.30 ✓		37.44 ✓
+25					5.315 ✓		
+50					5.33 ✓		
+75					5.345 ✓		
28					5.36 ✓		37.38 ✓
+25					5.375 ✓		
+50					5.39 ✓		
+75					5.405 ✓		
29					5.42 ✓		37.32 ✓
+25					5.435 ✓		
+50					5.45 ✓		
	10.47 ✓		7.95	P			

		7+2.74						
BM				6.92		73582 ✓		
29 +75					5.465			
30					5.418 ✓		73726 ✓	
+25					5.495			
+50					5.57			
+75					5.525 ✓			
31 ~~PT~~	4.46	74166 ✓	5.54		5.54 ✓	73720 ✓	3720 ✓	
TP +25	✓		✓		4.5			
+50					4.49 ✓			
+75					4.50 ✓			
32					4.52 ✓		3714 ✓	
+25					4.535 ✓			
+50					4.55 ✓			
+75					4.565 ✓			
33					4.58 ✓		3708 ✓	
+25					4.595 ✓			
+50					4.61 ✓			
+75					4.625 ✓			
34					4.64 ✓		3702 ✓	
+25					4.655 ✓			
+50					4.67 ✓			
+75					4.685 ✓			
35					4.70 ✓		3696 ✓	
+25					4.715 ✓			
TP +50	3.99	~~7+0.94~~ ✓	4.71	✓	4.73 ✓	73695 ✓		
	8.45		1025					

	+	×	−	R	
		740.94			
35+75					4.025
36					4.04
+25					4.055
+50					4.07
+75					4.085
37					4.10
+25					4.115
+50					4.13,
+75					4.145
38					4.16
TP	5.85	741.72 ✓	5.07		
+25					4.955 ✓
+50					4.97 ✓
+75					4.985 ✓
39					5.00 ✓
+25					5.015 ✓
+50					5.03 ✓
+75					5.045 ✓
40					5.06 ✓
+25					5.075 ✓
BM				1.98	
+50					5.09 ✓
+75					5.105 ✓
41					5.13 ✓
+25	3.19	739.76 ✓	5.15 ✓		5.145 ✓
	9.04		10.22		

736.90 ✓

736.84 ✓

736.78 ✓

735.87 ✓

736.72 ✓

736.66 ✓

739.74 on root of 4" Fir stub 10R 40+35

736.60 ✓

736.57 ✓

5 PPL 8.0128

		739.76						
41+50					3.19			
+75					3.205			
42					3.23		736.54	
+25					3.245			
+50					3.26			
+75					3.275			
43					3.29		36.48	
+25					3.305			
+50					3.33			
+75					3.345			
44					3.36		36.42	
+25					3.375			
+50					3.39			
+75					3.405			
TP45	2.84	739.17	3.48		3.42	736.33	736.36	
+25					2.81 2.765			
+50					2.78			
+75					2.795			
46					2.81		36.30	
+25					2.825			
+50					2.84			
+75					2.855			
47					2.87		36.24	
+25					2.885			
+50					2.90			
	2.84		3.43					

		739.17			
47+75					2,915
48					2,93
+ 25					2.945
+ 50					2,96
+ 75					2.975
49				6	3 05
+ 25				0	2,99
BM				4,12	3,005
+ 50					3,02
TP + 75	516	741.28 ✓	3,05		3,035
50					5 27 5,16
+ 25					5.175
+ 50					5,19
+ 75				t. 0	5,205
51					5,22
+ 25				2.80	5.235
+ 50				2.44	5,25
+ 75				4.48	5 265
52					5.28
+ 25				t. 0	5.295
+ 50					5 31
TP + 75	3.57	739.53 ✓	5.32		5 325
53					3, 657
+ 25					3. 665
+ 50					3. 68
	8,73		8,37 ✓		

736 18 ✓

36.12 ✓

735 05 ✓ Upper edge of ditch on Post 1: 48+85 Stake marked

736 12 ✓

736 06 ✓ Lower End of Garden

36.00 ✓

2.43

2 81

81

359.44 ✓

735 96 ✓

35.88 ✓

		739.53			
53+75					3.695
54					3.71 ✓
+25					3.725 ✓
+50					3.74 ✓
+75					3755 ✓
BM				2.54	
55					3.77 ✓
+25					3.785 ✓
+50					3.80 ✓
+75					3.815 ✓
TP	0.16	739.15 ✓	0.54 ✓		
56					3.45 ✓
+25					3.4654
+50					3.48 ✓
+75				8.40	3.495 ✓
57					3.51 ✓
TP	2.15	738.96 ✓	2.34		
+25				5.74	3.335 ✓
+50					3.35 ✓
+75					3.375 ✓
58					3.38 ✓
+25					3.395 ✓
+50					3.41 ✓
+75					3.425 ✓
59					3.44 ✓
	2.34		2.88		

735.82 ✓

736.99 ✓ Old BM, white survey
54+75 madrone 64

735.71 ✓

738.99 ✓

735.70 ✓

-4.9
on rock

735.44 ✓

736.81 ✓

2.41

735.68 ✓

3.5[illegible]2 ✓

		738.96			
59+25					3.455 ✓
+50					3.47 ✓
+75					3.485 ✓
60					3.50 ✓
+25					3.515 ✓
+50					3.53 ✓
TP +75	✓ 3.66	739.08 ✓	3.54	✓3.	3.545
61					3.68 ✓
+25					3.695 ✓
+50					3.71 ✓
+75					3.725 ✓
62					3.74 ✓
+25					3.755 ✓
+50					3.77 ✓
+75					3.785 ✓
63					3.80 ✓
+25					3.815 ✓
+50					3.83 ✓
TP +75	6.34	741.58 ✓	3.84 ✓		3.845 ✓
64					6.36 ✓
+25					6.375 ✓
+50					6.39 ✓
B.M.				292.	
					405 ✓
					43 ✓
	10.00		7.48		

735.42 ✓

735.24 ✓

738.66

3546

3540 ✓

3534

3528

3522

Expense

Frank Cain 3 days @ 7.50 22.50

Walter Stephenson ½ days 3.75

Garner Haviland 2 " 15.00

Herbert Blair 2 " 15.00

Left bank Rattlesnake Cr.

4 P.M.

5 P.M. Apl 29 1920

May 3 1920

Survey for U.S. and Addie Nic holes

D.D. Shelton and Norris Walker Chain
A.L. Tompkins and Meredith Nichols Mark
Tps 30 and 31 S R 7 W
— var - 21° E. Assumed
of 1/4 Cor

Beginning at Cor Secs 3.4.33 -34
East on randum bet Secs 3 and 34
39.74 intersect 15 81/2 Links East South
From 1/4 post run
North — var 21° E —
8.37 to water edge Right bank
fence bears North. The
Cow Creek The Exterior Right of way
above East bndy U.S. Nichols land

From a Δ 9.93½ East of Cor
North — var 21°33' E
7.89 to water edge Right bank
above mentioned run
Cow Creek

From subdivision Cor 19.82
South 2°16 E
19.64 to a 19.84 East of Subdiv Cor
East of above Cor run South
on Sec line bet Secs 3 & 4 5.1 Ch May 4
7. 110

From 1/4 Cor bet Secs 3 & 4 T 31 - R
West — var 21°15' E —
21.00 at 14.00 Right bank Cow Creek
North
19.64 to Foot of Hill U.S. Nichols
runs up steep Rocky Slope
line west 10.00 Not run.

May 9 1920
Survey fo Head Gate J.B. Nichols
Point of diversion in Survey Crk
Cor Secs 28, 29, 32 + 33 T. 31 S
R 1 W

Aug 13 1920
Survey of Corner of Mrs
to establish division line
and Estate of J.B. Nichols
Carver Homland. — Albert
Assistants — Snorn —
Begin at a point on
T 30 S R 6 W.
I produce this line West
as established by Survey
From the Corner of W.G.H
of Hill above B.F. Nichols H
to a on Sec line bet S 22 +
13.58 chs to Cor Secs 22 23 26
find no evidence of BTs
west of Fence diverging
Continue random East
South of first trial line
Briggs Survey 18.7 from
East random. take ½ diff
a transit line to Corner

Note — Donation Survey
Shows error in
Mrs. line direction
Change contrary
Statute contrary followed

the Irrigation ditch
16.12 North and 21.48 East from
P I W

W P Harkins
Between Lands of H. Mollenberg
&
Mrs Hughes — Sibley Nichols —

Sec line between Secs 23 + 26
to intersection of line Fence
of W F Briggs
Corner a I. B. Nichols D.A.C on Side
course I measure South 5.29 chs
27 and run a random S 88° E
+27 from this a I run North 40.00 chs
for ¼ post bet Secs 22, 23 my line falls
From the assumed Cor 22, 23 26 + 27
to fence 36.97 chs Intersect 27 lks
I measure taking dist given in
South RR Fence. this passes 8 lks South of
true Correct course 3 and run

Aug 30 - 1920 T30-5

Survey for Riggs et al

Beginning at a 19.04 chs

the S.E Cor of Joseph Roberts

Thence

N. 5°51'E 3.36 Chains

N. 61°09'E 2.24 " "

S 28°10'E 2.82 " "

S 61°50'W 4.11 " " to place of

Sept 3rd 1920

Survey for Geo Inchency

Begin at ¼ post 4 ct Secs

West Var - 22° 25' E

59.95 Intersect Subdivisional

23 links South of Cor

From a 9.84 = 10.14 by Coles

1 Set Subdivisional a at 14.76 + 98.4

Set Secs 4 + 5 and Extend a

Note No Assistants Chaining

— Var 20°30'E —

North and 5.18 chs East from

DLC #59 T30 S R5 W

Beginning Cont. 89 acre more or less

Mrs. Barbara Olinghouse

4-5 T32-4 From this a run

and Cor. Established by N. F Briggs

Survey Errors of links in his chaining

and at 29.52 + 9.84 West from ¼ post

blank lines N + S from points established

by Chesney - Geo not good

Aug 21 1920

Survey of H. L. Ackers

Beginning at a point fence 18.67 chains North 23 T30S R6W. Thence

S0°22'E	44.50	chains
S78°36'W	5.56	
N°0°15'W	42.22	
N57°45'E	6.29	to beginning

Note Error in tie Desc East from S.W. Cor Sec

Oct 8 1928

Survey for Bill Willis

Beginning at a iron center of So 400 chs East and 0.94 North from

Thence	S.11°45'E	5.80	chs.
"	N76°18'E	8.98	"
"	N38°06'W	1.73	"
"	N51°18'E	3.19	"
"	N18°33'W	3.54	"
"	S72°35'W	10.65	N to place of

Cont 6.125 acres

Land Henry Horton, and H.L Ackers, Chairmen on South Side S.P. Right of way and 37.69 East from S.W. Cor Sec

Cont 23.30 Acres.

ription in Deed shows 97.09

23

with Umpqua River

The 1/4 Sec Cor bet Secs 19 & 20. T30S R5W

beginning

T 29 – 5

Sep 5 1930 Begin Survey
T.B. Richardson
Begin at ¼ post on TP
Establish Cor by original
of BT in Sec 6 decayed

Thence I run on Rand
S 0° 30' E Assumed Var 21° E
81.16 chs to Fence Intersect

Sep 5 Begin at Cor 5.6.7.8
North – var – 21° E bet
39.23 Intersect 71 links
in Sec 5 BT in sec 6

T – " – "
Thence I run
West – var 21° E –
-50.00 chs – 5.00 P.M.
Sep 19 Continue
N Cor 5371 to Fnd S link
5950 fk Set post
1 PM from a 4936 N rel from ¼ Post
N 5° 22' W 10.8 to ¼ Post Set Sec 6 & 31

See p 40

– var 21° 33' E 6.83 N rel

Aug 29 – 20

Line bet Secs 6 & 31 W

1 BTs BT in Sec 31 Standing Stump
1 Remark
Boax 20" cs ¼ S. bis S 29° E 48 lks
" " 18" " " " N 73° W 22 "

Chainmen
T.B. & Arthur Richardson

6.83 west of ¼ post

T 29 – 5 and run
Sec 5 & 6
West of ¼ post Referred by BT
destroyed 1 Remark
Post 20" cs ¼ S BT N 87° W 75 lks
X " " 22" " " " N 23½° E 103 "

113.6 ft South of a 4" o cs ¼ S Sec

Set 5 & 6 cor Boax mks & cs
N 73½° E 13.4 ft

32-5

Sep 6 1920

Survey for T.B. Johns and Sons

Beginning at Cor Secs 11,12

South — Bet Secs 13 & 14

23.60 — Enter slough old Channel

26.00 — Leave " "

29.10 — Right bank Con Creek

32.90 — Left " " "

40.20 — Intersect 24 links west of 1/4 Post

deceased / Remov Cor

Sep 7 PM

Begin at Cor Secs 11,12,13 & 14

East — Var 19°30' E —

20.00 — Subdivision Δ Extend

Sep 8 — Begin at above and run

South 10.00 — Var 20°21' E

west 20.00 — To Sec line. Thence

13 & 14 and run

Assumed — Var 20° E

/ Con Creek

" "

c. 5 W

of 1/4 Post BT in Sec 13 Standing bet

a boulder 8x12x14"

and Stake

a maple 20" in dia Brs N 72° W 1.16 cks

" " 30 " " " S 32° E 1.40 "

Cor of Secs 11,12,13 & 14

Brs N 41° E 30 l.

" N 39½° W 13 lks

" S 41½° W 31 "

" S 37½° W 44 "

and run on true line bet 12 & 13

line to 1/4 Sec Post 5.35 P.M.

or S 0° 21' E

North to beginning Cor 20 ch

Johns - Sur Continue

Sept 8 in PM

From Subdiv - a East of Cor 11,12,13,14

North — Var. 20°21'E —

14.00 County Road N 78°E North Side Ditch

16.00 Irrigation Ditch

Begin at Cor Secs 11/12/13/14

West — Var 19°30'E

6.25

North Var 20°21'E 5.35 PM

40.00 to ¼ Post bet Secs 11-12

Irrenen from BT in Sec 11 and mark Sun

Dist mark x2" in dia S85°W 29 Lks

Pine 18" " " S78¾°E 44 "

Set stone Marked x. 6x8x14

East

6.25 to beginning Conn 0.5 00

Sept 9 in PM

Begin a Cor 11,12,13,14

West - Var 20°02'E

40.00 ¼ post Transit

Begin at a Δ 6.25 West

and run West 40.33.5 to Δ in ¼ Cor Bet 11

South with Fence line

18.50

T 32 S R 5 W

11 12

14 13

40.00 to ¼ Cor

33.75

Line

and 1.00 North of Cor of Sections 11,12,13,14

Thence

Sep 9 Continue

East

40.00 to Sec line bet 11 + 12.

North

17.50

West

6.25

North

1.00 to beginning

See Exception 3 Acres

10. Rain in Amt Ment to Quartz

11. Sep

Beginning at a 5.18 chs

South

12.32

East

3.30

North

16.56

S 39°30'W

5.50 to beginning Cont 5.05 acs

Begin at ¼ post bet Sec 18 + 1[illegible]

West 6.00 chs to Left bank Concrete

NE by N 38½ 11.72

South 10.30 to beginning

Runs N 39°30' E

Mill Peak

South from ¼ post bet Sec 11 + 14

Cont 3.09 acres

Sep 11

Begin at Δ 20.00 chs South and run a blank line

N84°41'E 882 chs to Right Bank East 8.10 to point a maple 18" dia

S38°58'W .1391 North 10.00 to Beginning S

Note See p.68 for Completion

TB Richardson Continue

Sep 29 1920

Begin at ¼ post bet Secs East 40.68 on random bet Sec 6 & 31 intersect 26 lks South of

N89°35'E 40.12 Intersect 5 lks South of ¼ post

Sep 30 1920

Begin at ¼ post bet Sec 5 & 6

N89°35'E 20.06 Set post from which Thence

N 13°23'W to Δ 20.06 East of ¼ post bet Sec 5 & 32 on TP line bet TPS 28 & 29 S R5 W

of the Cor Secs 11, 12, 13 & 14 32-5

Can Creek

" " mouth of Line bears N 40°E 1.07

Note Planted BTs Recorded Cor 439 acres

6 & 31 on TP line T 29 — 0.8 R5 W

Var 21°E Bank Curvy Chimmen DP Station TB Richardson

Cor Planted by magnetic BTs Planted

4.00 Line 31 65 JBT

Planted 0.20 0.18" N 84¾° W 58 lks

" " " 8 N 47½° E 14½ "

Set Post 16 5 links N 24 lks

" " 18 N 84¾ E 26 "

Note Planted BTs Recorded

Myrtle Creek Irrigation Ditch
Dement Herman et al

Sep 14 - 1920

Preliminary Levels

+	X	-	R'	El	
7.14	107.14	6.00		100.00	Post at Barn
6.18	107.32	9.09		101.14	
0.18	98.41	9.88		98.23	
0.22	88.75	8.20		88.53	
2.30	82.81	9.75		80.51	
3.09	76.15	9.55	3.94	73.06	72.21 4 BM on Brad Fence
2.09	68.69	3.12		66.60	
1.78	67.35	7.44		65.57	
4.27	64.18	4.81		59.91	
4.08	63.45	0.25		59.37	
7.81	71.01	2.83		63.20	
1.36	69.52	1.47		68.16	
5.61	73.66	1.55		68.05	
2.56	74.67	4.52		72.11	
1.78	71.93	4.92		70.15	
8.58	75.59	5.57		67.01	
7.32	77.34	0.85		70.02	
4.95	81.44	0.45		76.49	
2.35	83.34	7.08		80.99	
7.98	84.24	2.23		76.26	
6.04	88.05	3.89		82.01	
1.55	85.71	3.02		84.16	X At Bridge
4.60	87.29			82.69	
93.87		106.53			
9.17		10.10			

Irrigation Ditch

84.16
1.55
82.71
3.02
79.69

87.29

Myrtle Creek Ditch

+	X	−	X	E
2.85	87.29	1.81		85.48
5.19	88.33	2.45		85.88
6.14	91.07	0.20		90.87
7.72	97.01	4.11		92.90
5.15	100.62	0.31		100.31
7.13	105.46	3.16		102.30
4.49	109.43	3.08		104.35
5.78	110.84	3.35		107.49
	113.27	5.05		108.22
44.45		23.52		

Herman et al / Irrigation Ditch

Dam Length on Top 52.0 ft

" " " Bottom 45.1 ft

" High

Grade of Ditch .08 to 100 ft

42

+	X	−	E
3.51	111.73	2.89	108.84
6.41	115.25	2.90	112.35
5.48	117.83	10.03	107.80
15.40		15.82	

5 PM Sep 14 1920

Bottom 2.0 ft 4.0 ft Top 2.0 ft deep

Number of openings

Size " "

Head Gate Size

Waste way

= 0.2 of fall for 25 ft Stations

Myrtle Creek Ditch

10780

	+	x	−	GR	R	G	E
Sta 0	9.17	116.92		9.72		107.80	
1				9.20		107.72	
2 TP	2.08	115.11	3.89	9.28	3.00	107.64	113.03
3				7.55	9.80	107.56	
4				7.63	5.80	107.48	
5				7.71	4.35	107.40	
6 TP	2.55	112.59	5.07	7.79	6.90	107.32	110.04
7				6.35		107.24	
8				5.43	1.7	107.16	
9				5.51	3.4	107.08	
10 TP	1.46	111.40	2.65	5.69	3.50	107.00	109.94
11				4.48		106.92	
12				4.56		106.84	
13 TP	3.25	110.54	4.11	4.64	5.10	106.76	107.29
14.00				3.86		106.68	
	18.46		15.77				
	+	−					
	8.14	2.44	From Bills				
	5.75	2.39					
	13.89	4.81					
	4.81 / 9.09	= 85.48 − 9.09 = 76.39 =				Matz-Edge	
	0.84	9.90					
	0.00	8.18					
	1.72	9.90					
	2.56	27.98					

Sep 15–20 12:00 Noon
Ed Hendricks in RPC

43

Myrtle Creek Ditch

Sta	+	X	−	GR	E
	296	87.12			84.16
				5.44	81.68
0+00				9.73	
+25				9.75	
+50				9.77	
+75				9.79	
1+00				9.81	
+25				9.83	
TP +50			6.12	9.85	81.00
+75	340	84.40		7.15	
2				7.17	
+25				7.19	
+50				7.21	
+75				7.23	
3				7.25	
+25				7.27	
+50				7.29	
+75				7.31	
4				7.33	
+25				7.35	
+50				7.37	
+75				7.39	
5 TP	528	82.11 ✓	7.57	7.41	76.83
+25				5.14	
+50				5.16	
	11.64		13.69 ✓		

P	C	E
At Bridge		
BM Maple — 0+20		
7739	6053.68	
7737	6972.78	
7735	5704.07	
7733	6053.74	
7731	6203.61	
7729	5604.23	
7727	6123.73	
7725	340	
7723	3223.85	
7721	3503.69	
7719	3803.41	
7717	4053.18	
7715	4752.50	
7713	5301.97	
7711	5581.71	
7709	5681.63	
7707	5951.38	
7705	6500.85	
7703	6720.65	
7701	7150.26	
7699	7.57	10.16
7697	4900.24	
7695	468	.48

Myrtle Creek Ditch

Sta	+	℄	−	GR	E	G	P	C	D
+75		82.11		5.18		76.93	4.70	.48	
6.00				5.20		76.91	4.56	.64	
+25				5.22		76.89	4.42	.80	
+50				5.24		76.87	4.80	.40	
+75				5.26		76.85	4.30	.96	
7.00				5.28		76.83	5.00	.28	
+25				5.30		76.81	4.58	.72	
TP +50	2.85	80.24	4.72	5.32	77.39	76.79	4.72	.60	
+75				3.47		76.77			
8+00				3.49		76.75			
+25				3.51		76.73			
+50				3.53		76.71			
+75				3.55		76.69			
9				3.57		76.67			
+25				3.59		76.65			
+50				3.61		76.63			
+75				3.63		76.61			
10 TP	1.94	78.52	3.66	3.65	76.58	76.59			
+25				1.95		76.57			
+50				1.97		76.55			
+75				1.99		76.53			
11				2.01		76.51			
+25				2.03		76.49			
+50				2.05		76.47			
						76.45			
	4.79 ✓		8.38 ✓						

Grade

Myrtle Creek Ditch

	+		−	GT		E TP Sta 10.		
	6.32	82.90 ✓			76.58			
8+25				6.17		76.73	3.44	0.73
+50				6.19		71	4.34	1.75
+75				6.21		69	3.00	3.21
9				6.23		67	1.80	4.43
TP +25	4.23	85.95	1.18	6.25	81.72	65	1.19	5.04
+50				9.32		63	3.95	5.37
+75				9.34		61	3.50	5.84
10				9.36		76.59	3.25	6.11
+25				9.38		57	4.00	5.40
+50				9.40		55	3.96	5.44
+75				9.42		53	4.50	4.92
11				9.44		51	4.90	4.54
+25				9.46		49	4.80	4.64
+50				9.48		47	5.30	4.18
TP +75	1.07	81.48	5.54	9.50	80.41	45	5.60	3.90
12				5.05		76.43	1.05	4.00
+25				5.07		41	1.03	3.14
+50				5.09		39	3.40	1.60
+75				5.11		37	4.32	.79
13				5.13		35		
+25				5.15		33		
+50				5.17		76.31		
+75				5.19		29		
14				5.21		27		
	11.62	✓	6.72					

Myrtle Creek Ditch

		X	—		E		BT	FT	C
14, +25		81,48		5,23			76,25	4,12	1,11
+50				5,25			,23	2,93	2,32
+75				5,27			,21	3,40	2,17
16				5,29			,19	4,25	1,03
TP +25	5,05	81,21	5,32	5,31	76,16		76,17		
+50				5,06			76,15	4,36	,70
+75				5,08			,13	3,02	2,06
TP16	8,00	87,10	2,11	5,10	79,10		,11	2,11	2,99
+25				11,01			76,09	5,85	5,16
+50				11,03			,07	3,90	7,13
+75				11,05			,05	4,27	6,83
TP17	2,80	85,33	4,57	11,07	82,53		,03	4,56	6,51
+25				9,32			76,01	2,82	6,30
+50				9,35			75,99	3,40	5,95
+75				9,37			75,97	4,18	5,19
18				9,39			75,95	5,18	4,21
+25				9,41			75,93	6,76	2,65
+50				9,43			75,91	7,97	1,46
+75				9,45			75,89	8,51	,94
19,				9,47			75,87	8,52	,45
+25	5,38	82,15	8,56	9,49	76,77		75,85	8,55	,94
+50				6,32			75,83	4,72	1,60
+75				6,35			,81	4,18	2,17
20				6,37	78,27		75,79	4,00	2,37
BM								3,88	
	15,85		20,56						

5,30 BM Sta 16-20

Dup of Sta 16-20

Myrtle Creek Ditch

				GR	E	G	R		
20+25		82,15		6,39		75,77			
+50				6.41		75,75			
+75				6,43		75,73	9,45		3,01
21				6,45		75,71	out not in		
+25				6.47		75,69			
TP +50	3.95	79,60	6,50	6,49	75 65	75,67			
+75				3.95		75,65			
22				3.97		63			
+25				3.99		60			
TP +50	4,17	81,76	2,01	2,01	77,59	75,59			
+75				6,19		75,57			
23				6,21		75,55			
+25				6,23		75,53			
+50				6,25		75,51			
+75				6,27		75,49			
24 TP	7,84	83,30	6,30	6,29	75,46	75,47			
+25				7,85		75,45			
+50				7,87		75,43			
+75				7,89		75,41	4,88		3,01
25 TP	0,38	77,68	6,00	7,91	77,30	75,39			1,91
+25				2,31		75,37			
+50				2,33		75,35			
+75				2,35		75,33			
26	9,79	80,60	6,87	2,37	70,81	75,31			
+25				5,31		75,29			

Myrtle Creek Ditch

				E				49
26+50		80.60		5.33		7527		
+75				5.35		7525		
27				5.37		7523		
+25				5.39		7521		
+50				5.41		7519		
+75				5.43		7517		
28				5.45		7515		
+25				5.47		7513		
+50				5.49		7511		
+75	Old road			5.51		7509		
29				5.53		7507		
+25				5.55		7505		
+50				5.57		7503		
+75				5.59		7501		
30				5.61		7499		
+25				5.63		7497		
+50				5.65		7495		
TP +75	6.48	81.41	✓ 5.67	5.67	74.93	7493		
31				6.50		7491		
+25				6.52		7489		
+50				6.54		7487		
+75				6.56		7485		
32				6.58		7483		
+25				6.60		7481		
+50				6.62		7479		
	6.48	✓	5.67					

Myrtle Creek Ditch

	+	⊼	−	6.64	E		
32+75		8.41		6.64		74.77	
33				6.66		74.75	
+25				6.68		74.73	
+50				6.70		74.71	
+75				6.72		74.69	
34				6.74		.67	
+25				6.76		.65	
+50				6.78		.63	
+75				6.80		.61	
35				6.82		.59	
+25				6.84		.57	
+50				6.86		.55	
+75				6.88		.53	
36				6.90		.51	
+25				6.92		.49	
+50				6.94		.47	
+75				6.96		.45	
37				6.98		.43	
TP +25	6.20	80.60	7.01	7.00	74.40	74.41	
+50				6.21		74.39	
+75				6.23		.37	
38				6.25		.35	
+25				6.27		.33	
+50				6.29		.31	
+75				6.31		.29	

Grade -.08

4.41 1.90

Myrtle Creek Ditch

	+	x	−	GR						
39		80.60		6.33		74	2	7	4.42	1.91
+25				6.35			2	5	4.45	1.90
+50				6.37			2	3	4.35	2.02
+75				6.39			2	1	4.15	2.24
40				6.41			1	9	4.15	2.26
+25				6.43			1	7	4.22	2.21
+50				6.45			1	5	5.27	1.18
+75				6.47		74	1	3		
41 TP	4.84	78.96	6.48	6.49	74.12	74	1	1		
+25				4.85		74	0	9		
TP +50	4.11	78.20	4.87	4.87	74.09	74	0	7		
TP +75				4.13		74	0	5		
42				4.15		74	0	3		
+25				4.17		74	0	1		
+50				4.19		74	0	0		
+75				4.21		73	9	9		
43				4.23		73	9	7		
+25				4.25		73	9	5		
TP +50	5.88	81.00	3.08	4.27	75.12	73	9	3		1.80
+75				7.09		73	9	1	1.42	5.67
44				7.11		73	8	9		
TP +25	5.72	79.59	7.13	7.13	73.87	73	8	7		
+50				5.74		73	8	5		
+75				5.76		73	8	3		
45				5.78		73	8	1		
	20.55		21.56							

Grade -.08

Myrtle Creek Ditch

	+	x	−		E	G	R
45+25		79.59		5.82		73.77	
+50				5.84		73.75	
+75				5.86		73.73	
46.				5.88		73.71	
TP +25	6.47	80.17	5.89	5.90	73.70	73.69	
+50				6.50		73.67	
+75				6.52		73.65	
47				6.54		73.63	
+25				6.56		73.61	
TP +50	6.05	79.62	6.60	6.58	73.57	73.59	
+75				6.05		73.57	
48				6.07		73.55	
+25				6.09		53	
+50				6.11		51	
+75				6.13		49	
TP 49.	6.88	80.37	6.13	6.15	73.49	47	
+25				6.92		73.45	
+50				6.94		43	
+75				6.96		41	
BM				2.30	78.07	39 Top of rock slump 49+75'	
50				6.98		37	
+25				7.00		35	
+50				7.02		33	
TP+75			7.08	7.04	73.29		6.00 PM SEP 17 1920
	1940		25.70				

Grade -0.08

Myrtle Creek Ditch

51	5.52	7881		5.50	73.29	73.31
+25				5.54		.29
+75				.56		.27
52 TP	5.59	78.82	5.58	.58	73.23	73.23
+25				5.61		73.21
+50				5.63		73.19
+75				5.65		73.17
53				5.67		.15
+25				5.69		.13
TP +50	5.50	7861	5.71	5.71	73.11	73.11
+75				5.52		.09
54				5.54		.07
+25				5.56		.05
+50				5.58		.03
+75				5.60		.01
55				5.62		72.99
BM					71.30	.97 .727
+25				5.64		.97
+50				5.66		.95
+75				5.68		.93
56				5.70		.91
+25				5.72		.89
+50				5.74		.87
+75				5.76		.85
57 TP			5.78	5.78	72.83	72.83
	16.61		19.07			

Grade 1.08

Myrtle Creek Ditch

	5.55	78.38			72.83
+ 25				5.57	
+ 50				5.59	
+ 75				5.61	
58				5.63	
+ 25				5.65	
+ 50				5.67	
+ 75				5.69	
59				5.71	
+ 25				5.73	
+ 50				5.75	
+ 75				5.77	
60				5.79	
+ 25				5.81	
+ 50				5.83	
+ 75				5.85	
61				5.87	
+ 25				5.89	
+ 50				5.91	
+ 75				5.93	
62				5.95	
TP + 25	3.70	76.35	✓ 5.73	5.97	72.65
+ 50				3.96	
+ 75				3.98	
63				4.00	
	9.25		5.73 ✓		

Grade -.08

2.81			
.79			
2.77			
.75			
2.73			
2.71			
2.69			
2.67			
65			
63			
61	4.92	.85	
2.59			
57			
55	Ditch in	in gulch	
53			
51	5.13	.74	
49	4.72	1.17	
47	4		
45	4.50	1.43	
43			
2.41	5.78	.29	
2.39			
37			
2.35			

Myrtle Creek Ditch

X

63+25		76.35		4.02		72.33			
+50				4.04		31			
+75				4.06		72.29	3.82	.24	
64				4.08		27			
+25				4.10		25			
+50				4.12		23			
+75				4.14		21			
65				4.16		19			
TP+25	404	76.21	4.18	4.18	72.17	17			
+50				4.06		15			
+75				4.08		13			
66				4.10		11	3.33	.77	
+25				4.12		09	2.92	1.20	
+50				4.14		07	2.50	1.62	
+75				4.16		05			
67				4.18		03			
+25				4.20		01			
+50				4.22		71.99			
+75				4.24		97			
68				4.26		95			
+25				4.28		93			
+50				4.30		91			
+75				4.32		89			
69				4.34		87			
+25				4.32		85			
	404 ✓		4.18 ✓						

Grade -.98

P.T. to Creek Ditch		24.21							
+50	6.12	27.93	4.40	4.38	71.81	71.83			
+75				6.12		71.81	5.35	.77	
70				6.14		.79	5.60	.54	
+25				6.16		.77			
+50				6.18		.75			
+75				6.20		.73			
71				6.22		.71			
+25				6.24		.69			
+50				6.26		.67			
+75				6.28		.65			
72				6.30		.63			
+25				6.32		71.61			
+50				6.34		71.59			
+75				6.36		.57			
73				6.38		.56			
TP +25	7.20	28.73 ✓	6.40	6.40	71.53	.53			
+50				7.22		71.51			
+75				7.24		71.49			
74				7.26		.47	3.49	2.77	Ch Fence
+25				7.28		.45			
+50				7.30		.43			
+75				7.32		.41			
75				7.34		.39			
+25				7.36		.37			
+50		✓		7.38		71.35			
	13.32		10.80 ✓						

Grade -0.08

Myrtle Creek Ditch

75+75		78.73		7.40		71.33				
76				7.42		31				
+25				7.44		29				
+50				7.46		27				
+75				7.48		25				
77				7.50		23				
TP +25	6.61	79.09	6.25	7.52	72.48	21	6.25	1.27		
+50	80-Sta			7.90		21.19			Co Rock	
+75				7.92		17			" "	
78				7.94		15				
+25				7.96		13				
+50				7.98		11				
+75				8.00		09				
79				8.02		07				
+25				8.04		05				
+50	4.69	76.22 ✓	7.51	8.06	71.58	03	7.53	.84		
+75				5.21		01	3.50	1.76		
80				5.28		70.99	3.67	2.21		
+25				5.30		97	3.35	1.95		
+50				5.32		95	3.68	1.64		
+75				5.34		93	3.34	2.00		
81				5.36		91	3.93	1.43		
+25				5.38		89	4.18	1.20		
+50				5.40		87				
+75				5.42 ✓		85				
	1130	✓	1376 ✓							

Myrtle Creek Ditch

83			76.27		5.44		7083		
+25					5.46		7081		
+50					5.48		79	4.88	2.0
+75					5.50		77		
83					5.52		75	3.02	2.50
+25					5.54		73	2.02	3.52
+50					5.56		71	1.44	3.92
+75					5.58		69	2.34	3.24
84					5.60		67	3.70	1.98
+25					5.62		65		
TP +50	4.00		74.61 ✓		5.64	70.61	63		
+75					5.66		7061		
85					4.02		59		
+25					4.04		57		
+50					4.06		55		
+75					4.08		53		
86					4.10		51		
+25					4.12		49		
+50					4.14		47		
+75					4.16		45		
87					4.18		43		
+25					4.20		41		
+50					4.22		7039		
+75					4.24		37		
88					4.26		35		
	4.00 ✓			5.64 ✓					

Grade 0.

Myrtle Creek Ditch

88+25		74.61		4.28	
+50				4.30	
+75				4.32	
89				4.34	
+25				4.36	
+50				4.38	
+75				4.40	
90				4.42	
+25	Grade = .08			4.44	
+50				4.46	
+75				4.48	
91				4.50	
+25				4.52	
TP +50	3.39	73.45 ✓	4.55	4.54	70.06
+75				3.40	
92				3.42	
+25				3.44	
+50				3.46	
+75				3.48	
93				3.50	
+25				3.52	
+50				3.54	
+75				3.56	
94				3.58	
+25				3.60	
	3.39 ✓		4.55 ✓		

70.33			
70.33			
70.31			
.29	3.42	.90	
.27	2.17	2.17	
.25	1.38	2.98	
.23	1.14	3.22	
.21	1.88	2.52	
.19	2.90	1.52	
.17	3.80	.64	
.15			
.13			
.11 ✓			
.09			
.07			
70.05			
.03			
.01			
69.99			
.97			
.95			
.93			
.91			
.89			
.87			
.85			

Myrtle Creek.
Ditch

94+50		73.45		3.62	
+75				3.64	
95				3.66	
+25				3.68	
TP +50			3.68	3.70	69 72
+				3.72	

Location Head Gate Corner
Begin at a 27.64 chs E of SW Cor
Thence N31°E, 719 ft to Pump
Sep 20 - 1920

Location of Head Gate Myrtle
Begin at a 27.64 E of SW Cor DL

N.52° 10'W	413.0 ft.	
N78° 15'W	9.42,0 "	Head Gate
N53° W	410.7 "	" "
N57°45' W	100.0 "	
N52° 20'W	111.0	
N48½° W	68.0	To dam site
Thence	on ditch	
N53½° W	100.0 ft	1.51 chs
N56° 20'W	218.0 "	3.30
N85½ W	156.2 "	2.36
S72½° W	184.0	on 68 (Thence McKay 2.80

69,83
81
79
77
69,75 ✓ 5.20 pm Sep 15 1920 ✓
73
71

Pumping Plant Traverse → 616.30 N 370.31 E 95C
= 9.34 chs Dist = 33.25 chs Brg
Pump Located 616.30 N and 2194.5 East
From SW Cor DLC #48
T 29 - S -

Creek Ditch
DLC 48 T 29-S and run
30 E
864.4 feet North = 13.09+ chs
1794.0 W − 1824.24 = 30.24 W = 0.46 chs

Exit B/Forgie Land

S 45½° W	227,0 FL		3.44	✓	
S 59°15' W	218,7 "		3.31	✓	
S 26°15' W	286.0 "		4.33	✓	
S 41°30' W	169,0 "		2.56	✓	
S 61°15' W	283,0 "		4.28	✓	
S 44°15' W	240,0		3.63	✓	Clear Creek Enter Mouth of Berry Marsh
S 48°10' W	90,0		1.36	✓	
S 54°45	153,0		2.31	✓	
S 58°10' W	126,2		1.91	✓	
S 37°10' W	127,0		1.92	✓ DITCH 30'	Ditch Mouth enter Marsh
S 43° W	400,0		6.06	✓ " 10' R	
S 28°55' W	415,0		6.29	✓	
S 26°35' W	369,3		5.60	✓	
S 44°30' W	115,0		1.74	✓	
S 64°05' W	145,0		2.19	✓	
S 47° W	136,0		2.06	✓	
N 89°30' W	112,0		1.69	✓	
S 69°15' W	120,0		1.81	✓	
S 83°15' W	237,7		3.60	✓	
S 58° W	85,5		1.29	✓	
S 30° W	142,0		2.15	✓	
S 23° W	221.4		3.35	✓	
S 1° E	74,0		1.12	✓	
S 15° E	116,9		1.77	✓	
S 16°45' E	250,0		3.79	✓	

S 18° 15' W	292,2		4,42 Ditch 20' R	✓	
S 0° 15' E	387,0		5,86 at 315	✓	
S 20° 20 W	375,8		5,69	✓	
S 37° W	1,55,0		2,35	✓	
S 5° 30' W	187,8		2,84	✓	
S 48° 30 W	286,0	at 209 on	4,33 Center	✓	Barn
S. 3° 45 W	138,4		209	✓	
S. 83½° E	96,5		1,46	✓	
S 24½° E	216,2		3,27 at 178,5	✓	ET
S. 70° 15' E	111,0		1,68	✓	
S 2° 15' E	215,2		3,26	✓	
S 18° 10' W	288,0		4,37	✓	
S 68° 30 W	416,0		6,30	✓	
S 50° 45' W	172,0		2,60	✓	
S 17° 45' W	425,0		at 4,44 43	✓	
West	212,0		3,21 To Fence Line		
	1439 East		5 1/4 A		

62

4 5 5
3 1 -
8 3 5

From Monument Center Plumb Line

N to Line

From Northeast Corner Section
East Thirty 5 est 20 1930

Oct 13 1920

Survey for Geo M Ballenbaugh

Beginning at a Δ 19.37 chs East from the NW Cor of Sec 32 T30S

South	5.50 chains	
S64° E	13.86	"
N17½ E	5.00	"
N64° W	15.53	" to Δ of beginning

Oct 8 Survey on 6-7

Survey for Bert Ross, Dunbar

Begin at Δ 20.00 chs West

West	20.00 chs	var 21° E
North	20.00	
West	45.10	to Sec line
North	20.50	With Sec " to
West	25.00	Intersec 20 lks So from THIS Δ Follow Briggs line

Oct 17

Renew Cor Secs 26, 27, 34 & 35 by Set iron 6" x 3/8" x 1" x 16

19½

Ballenbaugh

4 lks South & 18.83 chs East from NE Cor — var — 20° E

Borders Channing

Note Does not make line close

N 61° 31' W Error in Mile 10.13 Cont. 7.26 Acres

Bar Timber Co

From Cor Secs 1, 2, 12, 13 T 31 S R 6 W

Ross & Dunbar Claimants

¼ Post

with of Cor Established by M & Briggs to Wilson Creek

B T in Sec 35 N 31½° W 10.15 chs T 30 — 3

" P. in 12" brs S 83¾° E 131½ lks

" no 24 16" " S 74½° W 33 "

" Cedar 12" " N 80½ W 70 "

" Pine 42" " N 32° E 179 "

New Cor

Oct 15 1920

Survey for Bert Riddle and

Beginning Sec cor bet Secs. 26

North	44.00	-Var- 20°30' E	
M B	Def	cc	Dist
S 85°05' W	94°05' L	S 85°55' W	13.00
S 73° W	12°2 L		4.06
S 62°50' W	10°01' L		2.94
	23.49 L		0.80

Note — From a Δ 175 ft of River 1540 North of

S 85°55' W	13.00	Down stream on offset
S 73°34' W	4.06	
S 63°33' W	2.94	
S 39°44' W	0.80	
South	1.40	
East	20.00	from ¢ of
North	5.40	to beginning

Begin at Δ 20.00 West and

West	1.25	
S 56° W	5.51	offset S 30° E
S 23½° W	13.00	on " to Δ set b

S 70°10'

S 85°55' W 1584.6

64

From Frank Fay

635 to S. Fay

to Δ on L bank SV River 1440 from Corner

at 9.00 of left fork river 5.00 Set-

¼ post bet Sec 26 & 35 / run —

1440 South of ¢ of River

Cont 8.75 chs

20.00 chs North from ¼ Cor bet Sec 26-35

2.00 End run S 23½° W 14/16

Bdg tam S 60 in Base 1.00 L 70°10' Dist 2.77

Oct 18

Riddle & Fate Continue

Begin at Cor Secs 26, 27, 34 & 35 T 30 S R 3 W

East	42.00	to a 2.00 East from
North	45.49	to ℄ of South Umpqua
S 85° 55' W	15.00	following meander
S 73° 34' W	4.06	of ℄ of River down stream
S 63° 33' W	2.94	
S 39° 44' W	0.80	
West	1.37	
S 56° W	5.51	
S 23½° W	13.00	
South West	6.67 / 1.28	
S 15° E	5.86	
S 28¾° W	5.00	
S 33½° W	12.16	to place of beginning

Except from above

Beginning at a point 17.52 North and 5.82 chs West from ¼ Sec post between Secs 26 & 35

Thence

N. 7° W	27.89	
S 85° 55' W	3.86	
S 73° 34' W	3.62	
South	28.61	to beginning
N 75¾° E	11.00	to beginning

Cont 144.61 Acres

Cont 2.. ± acres

Com 2560 Rd 40

Oct 20 1920

Survey for J. R. Ritter

Beginning at a 23-25 chain West from ¼ post bet Secs 3 + 4 T 31 R 3

West	4.20 chs	— Var 20° 30' E —
S 45° W	2.92	✓
S 23° W	5.80	✓
South	1.00	✓
S 11½° W	1.80	✓
S 22° W	5.16	✓
S 7½° W	1.81	✓
S 33¼° W	3.23	✓
S 55½° W	2.41	✓
S 72½° W	1.88	✓
S 43¼° W	1.49	✓
S 22¾° W	2.72	✓
S 41¾° W	2.02	✓
S 88½ E	2.53	✓
S 84½° E	1.19	✓
N 51° E	5.00	✓
N 68½ E	1.86	✓
N 30¼° E	2.21	✓
N 50° E	2.64	✓
N 63¼° E	1.91	✓
S 72° E	2.34	✓
N 12¾° E	2.54	
N 38¼° E	6.04	

J R Ritter Continue

N 11¾° W	3.00	✓
N 26° E	2.00	✓
N 24½° W	1.90	✓
N 15½ E	2.60	✓
N 16¼° W	2.95	✓ To place of beginning

Note Traverse dont close 0.67 rods
Part of Chaining poorly done

Head Gate Strong Irrigation ditch
26.00 chs west from ¼ post bet Secs 2 and 3 T 33 S R 7 W
Note – No definite data. Poor Chaining

Cont. 9.84 acres
Balance by hand – and distances
weather raining

Expense 4 days Field 4.0
" 1 " Office 1.0
Field notes 3.10
Stage 2.00
3 days chain 1.2
27.10

+32-5

Sep 12 1920

Subdivision of Johns Ranch Secs 11, 12, 13 and 14 T32S R5W

Lot

SE¼ of NW¼ E½ SW¼ of Sec 12

NE¼ " NW¼ Sec 13

Also beginning at a point 10.00 chains South of the Cor of Secs 11, 12, 13 & 14

Thence	East	20.00	chains
"	South	30.20	"
"	West	26.00	"
"	N30°28'E	11.84	"
"	N41°17'E	13.30	"
	North	0.82	
	S.84°41'W	8.82	
	North	10.00	to beginning

Cont 58.72 17 Acs + 160 = 218.72

Lot 2

W½ of NW¼ Sec 12

Also beginning at the Cor of Secs 11, 12, 13 and 14

Thence	West	6.25	Chains
"	North	40.00	"
"	East	26.25	"
"	South	50.00	"
"	West	20.00	"
"	North	10.00	" to beginning Cont 20.50 Acs

Expense - Time

Sep 7 1 day Field "

" 9 1 " Reno

" 10 1 " "

" 13 1 day offs at Ranch

Nov 1 " "

$60.00

T.B. Johns Ranche – Continue –

Lot 3

NE¼ of SW¼ of Sec 11

Also Beginning at a △ 1.00 Chs in North from the ¼ Cor. bet Sec's. 11 and 14

Thence	East	33.75	Chains
"	North	39.00	"
"	West	33.75	"
"	South	39.00	" to beginning Cont. 131.625 + 40 = 171.625 –

Lot 4

SW¼ of SW¼ Sec 1, S.E¼ of S.E¼ Sec 2

Also: Beginning at the Cor of Secs 11, 12, 13 and 14

Thence	West	6.25	Chains
"	North	1.00	"
"	West	33.75	"
"	South	6.18	"
"	N 39°30'E	3.93	"
"	South	15.35	"
"	East	37.50	"
"	North	17.50	" to beginning Cont 69.92 Ac + 80 = 149.92 –

Lot 5

SW¼ of S.E¼ and S.E¼ of SW¼ of Sec 2

Also beginning at a △ 5.18 Chains South from ¼ Cor bet Secs 11 and 14

Thence	N 39°30'E	3.93	Chains
"	South	15.35	"

Johns Ranche Lot 5 Continued

Thence	East	37.50	chains	
"	South	2.50	"	
"	N 84°41' E	8.82	"	
"	South	1.82	"	
"	S. 41°17' W	13.30	"	
"	S. 30°28' W	11.84	"	
"	West	34.06	"	
"	North	35.02	"	to beginning

Cont 95.95 Acs

Nov 11 At 11:00 A.M. Began at Cor described in Field Notes, B.T.s. dec'd

From Cor mentioned I run a

North 40.61 chs. Intersect 43 lks East

Nov 12 in A.M. From Cor 9-10-15-16

South 20.00 chs Set rock for Sub Δ

From ¼ Cor bet Secs 15 & 16

South 20.00 Set rock for Sub Drn Δ

Renew B.T.s for above ¼ Post

Original B.T.s standing but decayed and burned

From Cor 10-11-14-15 T 30 N I run South 82.18

North 41.09 Renew ¼ post bet Secs 14 & 15

Nov 10 1920

Survey for B. F. Nichols et al

Leave Riddle 10:00 A.M.

Tillich 12:30 P.M. Nichols Ranche 5:30 P.M.

Nov 11 - 1920

Rain in A.M.

Area = 1745.95

Secs 9, 10, 15 & 16 T 30 S R 1 W, I find Cor as described in Field Notes, B.T.s. dec'd

Remark, Pine 36" brs S 40½° E 51 lks

Fir 10 " N 89½° E 59 " Red

Notices in west Sections.

Random

of ¼ post Var 20°30' E

Var should be 21°07' E

Fred Neely, John Pondeau } Chainmen

Howard Mather Flagman

Marks

A Pine 10" indic brs N 73°35' E 143 lks

" " 8" " " S. 57°05' W 44 "

Intersect Rd west of Cor on true line

Stone 6x8x12 from which

A Yellow pine 42" indic brs S 83° E 163 lks

Cedar 30" " " " N 89°35' W 226 "

11

Coopers reduced Irrigation check

For Irrigation & Domestic Water

Begin at a.s. 20.00 chs South — 59 lks

west from the cor of Secs 11, 12, 13 & 14 — 31 — 2

South 3.52

S 39° E 2.08

S 56½° E 2.97

S 9¾° W 7.25 to a pt 50 lks west from Northgate

Dam 20 ft 80 ft 60' on bottom

2 Rock ½ to 1 Dig 18" on bottom 2½ Deep

18" deep

Work began July 1920 Completed July 1921

Cost $1000.00 Length ¾ mile

Pond, 10 acres W½ Sec 5 E

10 acres E½ Sec 6 T 31 — 2

Description of land Of Logsdon To.

C F Soursby

Beginning at a pt of County Road

30 lks west and 4.50 chs South from SE Cor of

I B Nichols D.L.C. N° 44 T 30 S R 6 W.

Thence along Co Road N 77°30' E 2.55 chs

" North 3.75 chains

" West 2.49 "

" South 4.30 Cont 1 Acre

½

12

2 2

3 40

½ road

IMPROVED TABLES AND INFORMATION

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1½ to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table is the sum of the two numbers in the right hand side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or [illegible] Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE No. 9.

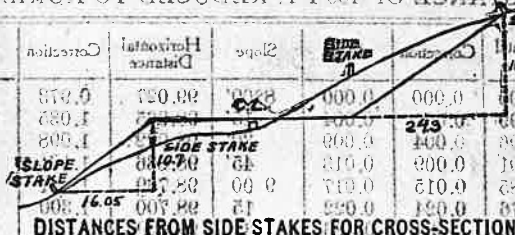
To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections.

Degree of curve with a given I may be found by dividing tangent, (or external), opposite I by given tangent, (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

TABLE XII.

INCLINED DISTANCE OF 100 FT. REDUCED TO HORIZONTAL



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5.10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13 50	13.65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18.15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19.35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24.90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25.95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32.10	32 25	32.40	32.55	32 70	32.85	21
22	33 00	33 15	33.30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35.85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45.90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49.50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54.15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58 35	38
39	58.50	58.65	58 80	58.95	59.10	59.25	59.40	59 55	59.70	59.85	39
40	60 00	60.15	60 30	60 45	60.60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61.80	61 95	62 10	62.25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63.45	63 60	63.75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64.80	64.95	65.10	65.25	65 40	65.55	65.70	65.85	43
44	66 00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67 50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69.15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70 65	70.80	70 95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

3.09
5.66
0.09
6.81
5.44
5.04
10.56
11.94
42.10
28.5
47.10
48.25
98.85

12.71
11.39
12.58
8.42
2.35
1.56
0.00
0.24
48.25

B 3 Nichols pump B
at dam 6 a.m. 3 B Nichols D & C 44
8 a.m.
cost $1000.00
Begin work Dec 15 – 21
Complete June 15 22
applied " " "

16.2
81