



tes of the Survey of the line of Division between The Mt Hood  
y and Frank Butten in the Nathan L. Benson Don. Land Claims  
in Sections 25 Township 3 North Range 10 East, Will. Mer.,  
30 and 31 Township 3 North Range 11 East, Will. Mer., in  
State of Oregon; together with a re-survey of the West,  
t boundaries of said Claim, to accompany a plat of said

urvey, and re-survey.

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5 A made this survey with a Gurley transit, in adjustment, and with  
a Gurley steel tape and marking pins, without the United States Field  
6 notes, of the Land Claim, or of the sections in which the Claim lies,  
and using descriptions of the Land Claim as furnished by the deed rec-  
7 ords, with Frank Button and Nels Hagen as Chainmen, I began the survey  
Sunday March 22d, 1903, by running the line of division between the said  
8 The Mt Hood Lumber Company and the said Frank Button, as set forth in  
an agreement between the said Frank Button and the Lost Lake Lumber  
Company assignor of the Mt Hood Lumber Company.

9 I set up at a piece of Rail Road Iron marked "X" in the top, at the  
most South Westerly corner of the said Claim No. 40, heretofore establish-  
10 ed by a County Surveyor, as one of the Corners of said Claim, and being  
the corner in question. From this corner I run North Var. 22° 30' E. to  
11 a pine tree, said to be marked for the original line, and further on, I  
find marks on Large Cottonwoods on same line, made many years ago. The  
12 corner 16.00 chains North now falls in one of the mouths of Hood River,  
the erosion of the waters of that River and the Columbia River for years  
13 upon the bank having been great, so that nothing can be found of this  
corner, nor in fact of any of the Corners to this Claim on the Columbia  
14 River. I therefore accept this line as established, along which I find  
hubs of former surveys, and from said Rail Road Iron I run North, said  
Variation,

15 156 ft 10 in, where I set Hub "A" on Knoll sloping N.E. and S.E., thence  
I run right angle line East and set hubs "B" and "C" one  
16 on either side of the line to be established, and set  
hub "D" between hubs "B" and "C" on line distant from  
hub "A",

17 372 ft. Set up at Hub "D", and ran South, same var. right angle  
to line between hubs "A" and "D"

18 181 feet to hub "H", 3 in. South of Centre of track of the O.R.N.  
R.R. and from said Hub "D", same line North, at

19 153 ft. 4 in. set hub "E" centre Button's private Road, Course Northerly  
and Southerly, same course measured from Hub "E"

20 182 ft. 3 in. to Hub "F" on south bank of dry Slough ( water in it in  
places), and measured from hub "F" same course ~~xxxxxx~~

21 15. ft. 2 in. to south edge of water in slough, and 48 ft. 2 in. to  
centre of Slough, and 92 ft. 2 in. to hub "H" on North  
bank of Slough.

22 From Hub "F" I run S. 86° 30' E.  
230.00 ft. to Hub "I" centre dry slough, and from this hub, I find  
the course of centre of slough between hubs "F" and "I"

23 to be N. 78° 23' 1/2", and the distance is 234 feet.

24 From Hub "I" I run up the centre of said Slough the fol-  
lowing courses and distances:-

25 East Var. 22° 15' E.  
350. feet to Hub "J", thence N. 58° E.

250. feet to Hub "K", thence ~~183° 30'~~ 83° 30' E.

26 250. feet to Hub "L", thence S. 82° 30' E. ~~xxxxxx~~

26 377 ft. 8 in. to Hub "M", under bridge of R.R. Spur.  
Thence from nail vertically above Hub "M", leaving slough,

27 450. feet up centre Spur of Railroad, S. ~~43° 30'~~ 43° 30' E.  
to spike for Hub "N" in spur at intersection centre line

28 of same with centre line of County road crossing spur,  
I run on a course N. 77° 33' E. to intersect the East bdy.

29 739 feet of said Benson D.C., a distance of  
which point falls in the Columbia River. As this Course

30 according to the agreement with the Company, should ter-  
minate at the Meander Post on the Columbia River, and  
being the N.E. Corner of said Claim, and as the measurement

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d Claim, calculated by Latitudes and Departures, exceeds the length of said claim according to the description I have from records, I quit work until I can secure a copy of the United Patent for said land, a copy of the U.S. field notes of the survey Claim, and a copy of the United States field notes of the section which the claim lies. Before quitting work for the time I spent March 23, on the East boundary of said Claim, endeavoring to establish the meander corner, long since washed away by the erosion of the banks of the Columbia River on its banks, with the same help.

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With a certified Copy of the United States Patent of said Don.Ld.Cl. and certified copies of field notes of the Land Claim and Sections in which it lies, and with L.W.Gabriel and J.A.Allen, chainmen, Grover and, flagman, and Frank Button, Ax-man, I continue the above and foregoing survey, Thursday, April 23, 1903.

I set a rock 24" X 14" X 6", 18" in the ground, at the S.W.cor. of said Benson Don.Cl.No.37, and marked said rock with the letters cut on East face- "C.37", and a x on top of stone. I set this Corner by the U. S. Field notes, the oak now 12 ins.dia.bears S.40° E.14 lks.dist.; but the other oak is gone. Found evidences of roots of same corresponding closely with field notes. With flag on the west line of the Claim, run several years ago by me, and established, near large solitary pine tree on crest of ridge, distant about 10 chs., I run from the Corner just established a right angled line east, up steep hill-side to hub at top of bluff, and carefully measured distance, setting stakes at each 5 chains, found the distance to be (Var.19°45' E.)

9.10 chs. to top of bluff.

10.00 chs. set stake, so marked.

14 22.42 chs. to point 52 1/2 lks. South of South post Buttons East fence, and Rand's North Fence, in Rand's Orchard. And 52 1/2 lks. N. &

15 22.53 chs. to East line of Claim No.37 aforesaid, where I set a rock

16 12" X 10" X 8", 7" in the ground, for the S.E.Cor.of said Cl. marked, with letters cut in, on N.W.face, "C.37.", and X on

17 top. Marked posts and trees at this cor. and at the last one above established, with lower blaze and 3 upper hacks, facing

18 corners. My reasons for establishing this Corner, as I have are as follows; I found blazes along the line run by me, wh.

19 were very old, but our line soon left the line of blazes to to the north of us. Our line was run right angles to the west

20 bdy, and fell 53 links South of the point selected by me for the corner. Upon re-tracing the line of old blazes East from

21 the Corner (S.W.), I find the line corresponds very closely in its general course with the fence along Rand's North line

22 to the top of the hill, that from the top of the hill to the County Road, the fence does not follow the line, and from

23 the County Road East to the S.E.cor. aforesaid, the fence follows the line produced, by the old blazes. I also find

24 satisfactory evidence of both bearing trees, as follows:- At S.45° E.dist.2.64 chs.I find a round hole in the ground,

25 where an oak tree about 12 to 15 inches had burned out several years ago. The roots are now there. The Oak tree N.70° W.

26 5.13 chs. has been cut down, but the stump is standing, and while cut below the mark, shows in the stump the end of a

27 blaze. J.A.Wilson, former surveyor, assured me, that when the trunk of this tree was lying on the ground, he cut off a

28 section, and turning it over, found the mark. This stump does not correspond exactly in course or distance with the U.S.field notes,

29 but very closely, and there is no evidence of any other oak tree in the exact locality for the Course and distance from

30 the corner as established by me. Being satisfied that the point located is the correct location for the Corner, I set

said stone directly under the fence on Rand's north line, 53 links north of the line run by me as aforesaid, and 10 1/2

links East of Button's present S.E.fence post.

Thence I run North, Var. 19°45' E., re-tracing former original line by the blazes on the North half thereof,

- . hub top of bluff overlooking Columbia River. Descend rapidly and at
- s. centre of track of O.R.& N.R.R. several hundred feet below.
- 18. drove stake 5 in. square for tempy. meander corner, 4 feet long, 1 foot in beach, from which old willow with old blazes on E. side of line about 1 foot, stands South 84 links. Iron bolt on line South from stake 87 1/2 links. Marked trees facing stake with lower blaze and 3 upper hacks. Set another Iron bolt on this East line South of iron bolt above, about 10 links. The total distance for this line of 38.00 chs, as per field notes, would throw the corner about 3 1/4 chains in the Columbia River at present stage of water, and about 2 chains in the river at any stage of water.

Friday April 24, 1903.

Same help as yesterday.

From Hub "N", centre of R.R. Spur on line of County Road, I run N. 79° 30' E' 0.56 chs. drove iron bolt.  
3.10 1/2 chs. large Cottonwood, 40 ins. dia, blazed fore and aft.  
3.85 chs. Iron bolt, marked 3 witness trees lower blaze and 3 upper hacks, facing bolt.  
5.00 Set iron Bolt, and marked 4 witness trees lower blaze and 3 upper hacks, facing bolt. Last pile East in boom of Mt Hood Lumber Company's stands about 10 links South of our line projected to East line of claim, and about 75 links West of East line of claim projected.

I then went to 1/4 cor. secs. 30 & 31. Found part of old stake, and 1 witness tree- Oak 12 ins. dia. N. 5° W. dist. 125 lks. No evidence of other tree. Set flag at iron bar cor, to secs. 35 and 36, 30 and 31, 1/2 mile west from 1/4 cor. above. Set up on high ridge (back-bone) on line between flag at sec. cor., and 1/4 cor., and distant 3 or 4 chains West from 1/4 cor. and at 11.12 chs. west from 1/4 cor. intersect East Bdy. of said claim, and north at 13.12 chs, as given in the field notes, and 18.93 chs. N. of Corner (S.E.) of said claim, when the distance in the field notes is given as 20.00 chs. North from S.E. Cor. claim to the intersection of said section line. There is a double error here of 2.00 chains in the departure at said point, and 1.83 chs. in the latitude. Subtracting the error of 1.87 chs. from the total length of the East bdy. or 38.00 chs, makes the true length of the line (East Bdy.), as 36.13 chs., providing no other error was made by the U.S. Deputy on this line. In order to be sure I re-chained the line from the intersection of the said section line, South to said claim Corner, and checked within one link. I set hubs on line at the said intersection, and on the section line on the edge of ridges. Taking both the Course of the South bdy. of the claim, and the length of the East bdy. from the section line to the claim Corner to the common point of intersection, according to the field notes, the S.E. cor. of the claim would fall 107 links in Rand's orchard; but on the other hand, what I believe to be the old blazed line, and the evidences of the bearing trees, negative the former conclusion, and force me to place the corner at the point above described.

I then set up at hub set by me about 2 years ago on the west bdy. of the said D. claim, on the end of back-bone of ridge, about 9 or 10 chs North of S.W. cor. of claim, and measured said line, and at 20.00 chs. drove iron bolt in the centre of the County Road on the intersection of this line with the E. & W. section line between sections 30 and 31, and set hubs on the N. & S. line on each side of said iron bolt, one at 9 links South of North fence, and the other at 18 3/4 links North of South fence. Goit's rock for City limits, marked "H.R.C.B.", stands about 2 feet west of our line. This bolt which I drove, stands 35 1/2 links South of the North fence along the road, for S.W. re-entrant Cor. of Cl.

4.

Could find no evidence of either bearing trees;  
From this last established corner, I ran West, down the  
centre of the County Road, and along the said section  
line,

ans to iron bar, at the corner to Sections 25, 36, 30 and 31.  
This corner has been long established, and was set by  
J.A. Wilson, Sur., when the trees were standing, all or in  
part. Found no evidence of the witness trees. This sec.  
corner is also S.W. cor. No. ~~2000000000~~ of said Don. Ld. Claim.

8 Set up at sec.cor. last above mentioned, and ran a right  
 angle line North, Var.  $20^{\circ}$  E.  
 9 5.92 chains to Claim Cor. Can find no evidence of cor.or bearing trees.  
 A rock heretofore set by a County Surveyor, stands 18  
 10 links West of my point for Corner, and a row of piles  
 set by said Surveyor, and supposed to be on the section  
 11 line between sections 25 and 30, is about 100 feet west  
 of the section line, extended from the  $\frac{1}{4}$  cor. to secs.  
 12 36 and 31 North through the cor. to secs. 25, 36, 30 and 31  
 and on to the Columbia River. I know that the line es-  
 13 tablished by the said County Surveyor is wrong, as from  
 the said sec.cor., a large dead topped pine tree, can be  
 14 plainly seen, and I know that that tree stands about 75  
 links east of the said section line and within about a  
 15 chain or two of the said  $\frac{1}{4}$  cor., while the line as run  
 by said County Surveyor through his Claim cor. and on  
 16 through ~~his~~ the said sec. corner, would depart east of  
 the said dead topped pine tree near the  $\frac{1}{4}$  cor. This can  
 be seen with the eye. I established no corner at the dis-  
 17 puted point, for as Frank Button owns all the land around  
 this claim corner now, it is not material.

~~From~~

18 From my location of disputed cor. I ran right angle west,  
 Var.  $20^{\circ} 20' E'$ , and at  
 19 10.53 chains, intersect west bdy. of Claim, 18 lks. South of iron bolt,  
 set by said County Surveyor, for Cor.to said Claim, mak-  
 20 ing the distance greater by 18 lks. than do the U.S.field  
 notes. This corner is correctly established, as both of  
 the bearing trees are standing, and the one N.E.is plainly  
 21 marked "G.40", and must have been done 40 years ago. The  
 other tree has grown over the mark, and nothing is dis-  
 22 cernable, but the kind and size of tree, course and dist-  
 ance are correct. Did not cut in to examine, as Mr.But-  
 23 tton preferred that the tree should not be marred. This  
 Cor.stands a few links West of Button's tool-house, and  
 just on the edge of the bluff dropping ~~xxx~~ West into Hood  
 24 River.

25 4.19 chains, Thence I run N. $2^{\circ} 10' E.$  ( should be North) to corner in  
 R.R.track, where I drove a nail in N.end of R.R.tie for  
 corner. Found no evidence of corner, but as the establish-  
 26 ed corner, and point of commencement of this survey, a  
 piece of R.R.iron, set at S.W.cor, no.3 of said Claim,  
 27 is distant 3.00 chains west of my said corner in R.R.tie,  
 and this distance of 3.00 chains east from said R.R.iron,  
 forces said cor.at said point, I so establish it.

28 Thence I run N. $85^{\circ} 30' W.$  ( should be West )  
 29 3.00 chains to said R.R.iron and established corner. Found no evidence  
 of any witness trees. Thence

30 I run N. $3^{\circ} 30' W.$  Var. $22^{\circ} 30' E.$ , along the line first de-  
 scribed in this survey, and being the west bdy. of said  
 D.Claim, and at 8.00 chains I set a stake on line, and

marked 18 in. dia. Cottonwood on N. side with lower blaze and 3 upper hacks, facing stake, and marked "8 chs." on blaze. I measure no further, as another chain would take the point in the River.

I found no two courses, (where all are supposed N. and S.) parallel, in the whole claim, S., E. and W. bdy. Nor did I find more than one measurement, as given in the field notes. The U.S. Deputy Sur., must have been either, drunk, crazy, or a fool. A worse piece of surveying, I never before saw, done by a U.S. Deputy Surveyor.

I cannot definitely locate the point at which the U.S. Deputy Surveyor established the N.E. Meander corner of this Claim. I have measured across the claim, along the line of division between the Mt Hood Lumber Company, and Frank Button, twice, and have read the angles twice. The distance on the ground between the east and west boundaries of the Claim, is much greater than the distance shown by the notes. The notes makes the south bdy. only 21.75 chs., and our measurement makes the distance 22.53 chains across the South bdy. Take the meanders along the Columbia River, and the plat shows, and the departures show, by calculation, that the width of the claim from extreme east to extreme west, is only 40.70 chs., while as a matter of fact, the distance is about 42.50 chs. both by measurement on the ground, and by taking the distances of the claim lines from the section lines. By our measure, the claim is 6.68 chs. plus 22.55 chs. ~~from~~ from sec. cor. to  $\frac{1}{4}$  cor. on East, which plus 11.12 chs. makes the half mile 40.35 chs., and the difference is 29.23 chs., or the width of the claim, which according to the field notes is only 28.43 chains, taking the south lines and only about 27.23 taking the meanders for same distance. Then the distance along the East bdy, cannot be 38 chains. At most it cannot be more than 36.93 chs. This is readily seen by platting the claim, and by calculating the Latitudes, and finding the sum. This U.S. Deputy Surveyor, Mr. L.F. Cartee, must have been a "Jim Dandy" Dr. Adams says his name was Cartee, but the Notes make it Carter.

And now having established the line of division between the said Frank H. Button and the said Mt Hood Lumber Company, in manner as aforesaid, and to the best of my ability, I quit the survey and job, and am d----d glad to say good-bye.

18 Located Hood River, }  
19 Or. May 13/1903 }

John Edward Hudson  
Surveyor.

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