

Platted

D.

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Jan 900

FIELD NOTES

70 A

Of the survey of the subdivision Lines of

Township No. 5 north, Range No. 38 east

Willamette Meridian, Oregon,

BY

William E. and George R. Campbell Deputy Surveyors.

UNDER

their Contract No. 699 dated February ninth, 1899

Survey commenced July fourteenth, 1899

Survey completed August eleventh, 1899

Platted

Copied for Washington

5/27/900

70B

out of limits on
West side.

FIELD NOTES

Of the survey of the subdivision

Lines of Township No. 5 north

range 38 east Willamette Meridian, Oregon,

as surveyed by William E. and George B. Campbell

U. S. Deputy Surveyors under ^{their} ~~his~~ contract No. 699

dated February ninth, 1899

Survey commenced July fourteenth, 1899

Survey completed August eleventh, 1899

NAMES AND DUTIES OF ASSISTANTS.

Robert A. Doney ^x, Chainman.

Charles L. Campbell ^x, Chainman.

Homer D. Angell [†], Chainman.

Roy J. Campbell [†], Chainman.

Blyde W. Biddell ^x, Axman.

Homer D. Angell [†], Axman.

....., Flagman.

x Under deputy George B. Campbell

† Under deputy William E. Campbell.

70 D

PRELIMINARY OATHS OF ASSISTANTS.

We, Robert H. Omeq, Charles L. Campbell,
Horner D. Angell and Roy D. Campbell

do solemnly swear that we will faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with the instructions given us, in the survey of the subdivision

lines of Township 5 north range 38 east
Willamette Meridian, Oregon.

Robert H. Omeq, Chainman.
Charles L. Campbell, Chainman.
Horner D. Angell, Chainman.
Roy D. Campbell, Chainman.

Subscribed and sworn to before me this fourteenth
day of July, 1899.

William C. Campbell
U. S. Deputy Surveyor

[SEAL.]

We, Clyde W. Riddell
and Horner D. Angell
do solemnly swear that we will well and truly perform the duties of axmen, mound men, and flagman in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the subdivision lines of
Township 5 north, range 38 east
Willamette Meridian, Oregon.

Clyde W. Riddell, Axman.
Horner D. Angell, Axman.
_____, Flagman.

Subscribed and sworn to before me this fourteenth
day of July, 1899.

William C. Campbell
U. S. Deputy Surveyor

[SEAL.]

70 E

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Subdivision of T. 5 N., R. 38 E. - Continued.

- Chains: N. $0^{\circ} 1' W.$, bet. subs. 1 and 2.
- Descending steep slope, N.W., through heavy timber.
- 210 North Fork of Walla Walla river 20 lbs. wide, flows S. $80^{\circ} W.$; around steep hill; bears E. and W.
- 22.50 Ravine, course S.E.; steeper ascent; bears N. $70^{\circ} W.$ and S. $70^{\circ} E.$
- 38.00 Hill bears N. $30^{\circ} E.$ and S. $30^{\circ} W.$
- 40.00 A point 900 ft. above the sec. cor. and set a basalt stone $48 \times 12 \times 6$ ins. 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which
- A fir, 12 ins. diam., bears N. $77^{\circ} E.$, 38 lbs. dist., marked $\frac{1}{4}$ S. 1, B.I.;
- A pine, 15 ins. diam., bears S. $25^{\circ} W.$, 48 lbs. dist., marked $\frac{1}{4}$ S. 2, B.I.
- 44.50 Thence through bettering timber.
- 52.00 Trail, from settlements west to the Grande Ronde on summit of divide bet. headwaters of Mill creek and the Walla Walla river; bears E. and W.; descend mountain.
- 55.00 Enter heavy timber; bears E. and W.
- 57.35 A spruce, 30 ins. diam., on line, I mark with 2 notches on N. and S. sides.
- 60.00 Hill bears N. $30^{\circ} W.$ and S. $50^{\circ} E.$
- 93.50 A point 100 ft. below the $\frac{1}{4}$ sec. cor. and intersect N. body of Sp. 62.00 chs. west of the cor. of subs. 35 and 36, a post in mound of

Subdivision of T. 5 N., R. 38 E. - Continued.

Chains: stone marked & witnessed as described by the surveyor-general.

I set temp. closing cor. for subs. 1st & 2, then
Return

East, on a blank line on N. bdy. of sub. 1.

210.00 Set temp. 1/4 sec. cor. N. bdy. of sub. 1.

62.00 Stake 25 lbs. S. of the cor. of subs. 35th & 36, a post in mound of stone, marked & witnessed as described by the surveyor-general.

80.22 Stake 25 lbs. S. of the closing cor. of T. 5 N., R. 38th & 39 E., which is a post 4 in. by 30 in. above ground, marked & witnessed as described by the surveyor-general.

Thence, as recorded in the field-notes of survey returned to the surveyor-general, I set a fir post 3 ft. long, 3 ins. by, 24 ins. in the ground, for 1/4 sec. cor. N. bdy. of sub. 1, at the equidistant point, 40.11 chs., on line of old blazes, marked 1/4 S. on N. face, from which

A fir, 10 ins. diam., bears N. 25° E., 29 lbs. dist., marked 1/4 S. 1, B. I.;

A fir, 6 ins. diam., bears S. 20° W., 11 lbs. dist., marked 1/4 S. 1, B. I.

Note: The witness-tree north of line was deemed more permanent.

At the point of intersection, before mentioned,

Subdivision of T. 5 N., R. 38 E. - Continued.

500 ft. below the closing Op. cor. E., I set a fir post 3 ft. long, 4 in. dia., 24 ins. in the ground, for closing cor. of subs. 1st & 2, marked

C. C., T. 5 N., R. 38 E., on E.;

S. 1, on E. ~~and~~

S. 2, on W. face; with 1 groove on E. ^{and} 5 grooves on W. face, from which a fir, 20 in. diam., bears S. 45° E., 35 lbs. dist., marked, T. 5 N., R. 38 E., S. 1, B.P.;

A fir, 15 in. diam., bears S. 50° W., 20 lbs. dist., marked T. 5 N., R. 38 E., S. 2, B.P.

Land, mountainous.

Soil, stony ^{and} gravelly; 3rd ^{and} 4th rates.

Timber, fir, tamarack, spruce ^{and} pine.

Undergrowth, chapparal, tamarack, fir, spruce, pine, alder, willow ^{and} huckleberry.

Mountainous land, 93.50 chs.

July 28, 1899.

July 25: At 7^h 2^m, a.m., l.m.t., I set off 45° 51' 30" on the lat. arc; 19° 56' 50" N. on the decl. arc, ^{and} determine a true meridian by the solar alt the cor. of subs. 34 ^{and} 35, on the S. half, reestablished by me July 19, 1899, a basalt stone 15 x 10 x 5 in. above ground, marked ^{and} witnessed as described in the field -

Subdivision of T. 5 N., R. 38 E. — Continued.

- 39.92 A point 300 ft. below the sec. cor. and set a
basalt stone 15 x 10 x 8 in. 10 in. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which
A fir, 15 in. diam., bears N. 32° E., 51 lbs. dist.,
marked $\frac{1}{4}$ S. 2, B.D.;
A fir, 14 in. diam., bears S. 7° W., 23 lbs. dist.,
marked $\frac{1}{4}$ S. 11, B.D.
- 53.00 Descend from rocky point through scattering timber.
- 57.50 Enter heavy timber.
- 69.00 Foot of descent; ascend through partially burnt timber.
- 77.00 Top of ridge point, course S.W.
- 79.75 Stream, 6 lbs. wide, runs S. 10° W.
- 79.84 The cor. of sects. 2, 3, 10 and 11.
Land, hilly and rolling.
Soil, part arable; gravelly loam and stone; 2nd, 3rd
and 4th rates.
Heavily timbered with fir, tamarack, spruce and
pine, 76.50 lbs.
- Densely overgrown with gum, fir, tamarack, spruce,
pine, chapparel, alder, willow and bushes 79.84 lbs.
- Heavily timbered, or densely overgrown lands. 79.84 lbs.

By deputy George R. Campbell:

N. 0° 2' W., bet. sects. 2 and 3.

Ascending through heavy timber.

- 9.60 A fir, 36 in. diam., on line, I mark with 2
notches on N. and S. sides; hill bears

Subdivision of T. 5 N., R. 38 E. - Continued.

- Chains: N. 30° E. and S. 30° W.
- 22.50 Dry bed of stream, 20 lbs. wide; course S. 60° E. around steepens; bearing N. 50° W. and S. 50° E.
- 29.50 Ridge; bears N. 40° W. and S. 40° E.; then along hillside bearing N. 10° W. and S. 10° E.
- 35.25 Bottom of ravine, course S. 40° E.; steepen around up ravine.
- 40.00 At point 500 ft. above the sec. cor. and set an ironstone 24 x 15 x 6 in., 18 in. in the ground, for 1/4 sec. cor. marked 1/4 on W. face, from which
 A fir, 20 in. diam., bears N. 40° E., 15 lbs. dist., marked 1/4 S. 2, B.P.;
 A fir, 20 in. diam., bears N. 79° W., 44 lbs. dist. marked 1/4 S. 3, B.P.; leave ravine and around ridge.
- 57.50 Summit of divide bet. headwaters of Obill creek and Walla Walla river; bears N. 70° E. and S. 70° W. ^{S. 70° W.}
 trail to Grand Bonde along ridge; descend.
- 60.00 Hill slopes west; then through bettering timber.
- 65.24 A fir, 30 in. diam., on line, I mark with 2 notches on N. and S. sides.
- 68.50 Ravine, course west.
- 76.00 Ravine, course west; around.
- 82.50 Ridge point; bears E. and W.; descend; hill bears N. 60° E. and S. 60° W.
- 90.00 Ravine, course west; around.
- 92.50 At point 700 ft. below the 1/4 sec. cor. and intersect

Subdivision of T. 5-N., R. 38 E., - Continued.

Chains: N. ldy. of Sp. finding no trace of old cor. of
sects. 54 and 55, described by the surveyor-
general. I set temp closing cor. and

Between

East, on a blank line N. ldy. of sec. 2;

40.00 set temp. $\frac{1}{4}$ sec. cor. N. ldy. of sec. 2,

79.94 Intersect N. and S. lines 1 ch. S. of the closing
cor. of secs 1 and 2, before described.

Thence, as recorded in the field-notes of
re survey returned to the surveyor-general I
set a basalt stone $20 \times 15 \times 4$ in. 15 in. in the
ground, for $\frac{1}{4}$ sec. cor. N. ldy. of sec. 2, at the
equidistant point, 59.97 chs., on line of old
blazes, marked $\frac{1}{4}$ or N. face, from which
A fir, 10 in. diam., bears S. 80° E., 19 lbs. dist.,
marked $\frac{1}{4}$ S. 2, B. I.

At the point of intersection before mentioned,
1.300 ft. below the closing sec. cor. E., I set a
basalt stone $20 \times 12 \times 12$ in. 15 in. in the
ground, for closing cor. of secs. 2 and 3,
marked

C. C. on S. face, with 2 grooves on E.
and 4 grooves on W. face, from which
A fir, 12 in. diam., bears S. 19° E., 1 ch. 22 lbs. dist.,
marked T. 5-N., R. 38 E., S. 2, B. I.;

A fir, 15 in. diam., bears S. 35° W., 44 lbs. dist.,
marked T. 5-N., R. 38 E., S. 3, B. I.

Subdivision of T. 5 N., R. 38 E. - Continued.

Chains: I could find no trace of the old cor. described by the surveyor-general, which pertain to the survey north.

Land, mountainous.

Soil, gravelly and stony; 3rd and 4th sets.

Timber, fir, tamarack, spruce and pine.

Undergrowth, chaffard, fir, tamarack, spruce, pine, huckleberry, willow and bunchgrass.

Mountainous land, 92.50 chs.

Sky was overcast at 12 M.; observations for latitude not possible.

July 29, 1899.

July 31: AT 7^h 30^{am}, a.m., L.M.T.; I set off $25^{\circ} 51' 20''$ on the lat. arc; $18^{\circ} 13' N.$ on the dial. arc, and determine a true meridian by the solar at the cor. of subs. 33 and 34, on the S. body, reestablished by me July 19, 1899; a basalt stone $12 \times 8 \times 5$ (ins) above ground, marked and witnessed as described in the field-notes of survey returned to the surveyor-general.

Thence I run

N. $0^{\circ} 3' W.$, bet. subs. 33 and 34.

Ascending through brattling timber; hill bears

N. $20^{\circ} E.$ and S. $20^{\circ} W.$

2.25 Point; bears E. and W.; steep descent of north slope.

Subdivision of T. 5 N., R. 38 E. - Continued.

- 21.80 Ravine, 50 ft. deep; course S. E.; ascend steep hill through heavy timber and undergrowth.
- 30.75 Top of rise on narrow ridge; bears N. and S.; descend steep hill; same bearing.
- 40.03 Set an ironstone, $20 \times 8 \times 8$ in. 15 in. in the ground; for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which
 A fir, 18 in. diam., bears N. 40° E., 46 lbs. dist., marked $\frac{1}{4}$ S. S., B. D.;
 A fir, 18 in. diam., bears S. 67° W., 80 lbs. dist., marked $\frac{1}{4}$ S., 10, B. D.
- 44.75 Foot of hill; stream 3 lbs. wide, runs S.; ascend.
 46.00 Break trail from river to divide north.
- 57.50 Top of rise; descend southward slope.
- 68.23 Foot of descent; stream, 2 lbs. wide, runs S. 30° E.
- 75.00 Loose timber; bears N. 40° W. and S. 40° E.
- 76.75 Top of rise on spur; bears N. 60° W. and S. 60° E.
- 79.50 Enter timber; bears N. 30° W. and S. 30° E.
- 80.06 A point 150 ft. above the sec. cor. east and the cor. of secs. 3, 4, 9 and 10.

Land, mountainous.

Soil, gravelly and stony; 2^d, 3rd and 4th rates.

Timber, fir, tamarack, pine and spruce.

Undergrowth, chapparal, fir, tamarack, pine, spruce, alder, willow, huckleberry and bunchgrass.

Mountainous land, 80.06 etc.

N. $0^\circ 3'$ W., bet. secs. 3 and 4.

Ascending steep hill through heavy timber; bears

Subdivision of T. 5 N. R. 38 E. - Continued.

- Chains: N. 10° E. and S. 10° W.
- 2.25 Top of high spur; bears N. 55° W. and S. 55° E.; descend steep hill; bears N. 30° W. and S. 30° E.
- 7.95 Bill, 1 $\frac{1}{2}$ m. wide; runs E.; ascend steep hill; bears N. 40° E. and S. 40° W.
- 10.00 Enter glade; bears E. and W.
- 11.50 Enter timber; bears E. and W.
- 14.95 A fir, 28 in. diam., on line, I mark with 2 notches on N. and S. sides.
- 24.00 More gradual ascent;
- 32.40 A tamarack; 28 in. diam., on line, I mark with 2 notches on N. and S. sides.
- 33.00 Trail, from settlements westward to the Grand Ronde; bears N. 40° E. and S. 40° W.
- 40.00 On summit of divide bet. headwaters of Mill creek and Walla Walla river; 750 ft. above the sea level; bears N. 80° E. and S. 80° W.; set a iron post, 3 ft. long, 3 in. sq., 24 in. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. or W. face, from which
- A fir, 28 in. diam., bears N. 40° E., 28 $\frac{1}{2}$ m. dist., marked $\frac{1}{4}$ S. 3, B.D.;
- A fir, 20 in. diam., bears N. 59° W., 44 $\frac{1}{2}$ m. dist., marked $\frac{1}{4}$ S. 4, B.D.; thence descend gradually; hill bears E. and W.
- 42.00 Steeper descent.
- 52.55 A fir, 26 in. diam., on line, I mark with 2

Subdivision of D. & N., R. 38 E. - Continued.

Chains: notches on N. & S. sides; thence down ravine.

77.00 Branch, 6 lbs. wide, runs N. E. Thence
along E. slope.

87.50 Bill, 1 lb. wide, runs N. E.

92.45 At point 1.400 ft. below the $\frac{1}{4}$ sec. cor. and intersect
N. bdy. of Sp., finding no trace of the old cor.
described by the surveyor-general; I set temp.
closing cor. for lines 3 and 4 and

Between

East, on a blank line on N. bdy. of line 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor. N. bdy. of line 3.

80.04 Intersect the closing cor. of lines 2 and 3, before
described.

Thence, as recorded in the field-notes of
survey returned to the surveyor-general, I
set a basalt stone $56 \times 24 \times 10$ in. 15 in. in the
ground, (stick rock and place mound of stone
firmly about cor.) for $\frac{1}{4}$ sec. cor. N. bdy. of
line 3, at the equidistant point, 40.02 chs., on
line of old blazys, marked $\frac{1}{4}$ on N. line,
from which

A pin, 20 in. diam., bears S. $81^{\circ} 12'$ E., 10 lbs. dist.,
marked $\frac{1}{4}$ S. 3, B. D.

At the point of intersection, before mentioned,
300 ft. below the closing sec. cor. east, I
set a basalt stone $28 \times 12 \times 12$ in. 21 in. in the
ground, for closing cor. of lines 3 and 4,

Subdivision of T. & N., R. 38 E. - Continued.

Chains: marked

C. C., on S. fore, with 3 grooves on
E. and W. faces, from which
A tamarack, 20 in. diam., bears S. 26° E., 43 lbs. dist.,
marked T. 5 N., R. 38 E., S. 3, B. 9.

A tamarack, 28 in. diam., bears S. 53° W., 92 lbs. dist.,
marked T. 5 N., R. 38 E., S. 4, B. 9.

Land, mountainous.

Soil, gravelly and stony; 3rd and 4th rates.

Timber, fir, tamarack, spruce and pine.

Undergrowth, chapparral, fir, tamarack,
spruce, pine, alder, willow, huckleberry,
pine and bunchgrass.

Mountainous land, 92.45 ch.

Subdivision of T. 5-N., R. 38 E. - Continued.

Chains:

I return

West, on N. ldy. of sec. 4;

210.00 Set temp. '14 sec. cor. N. ldy. of sec. 4;

79.46 Intersect cor. of secs. 4, 5, 32 and 33, which is a post marked and witnessed as described by the surveyor-general, 1,000 ft. above the closing cor. E.

Therefore, as recorded in the field-notes of surveying returned to the surveyor-general, I set a basalt stone 24 x 10 x 10 in. 18 in. in the ground, for '14 sec. cor. N. ldy. of sec. 4, at the temp. '14 sec. cor. point, on line of old blazes, marked '14 on N. face, from which

A pin, 24 in. diam., bears S. 7° E., 23 lbs. dist., marked '14 S. 4, B.P.

Sky was overcast at 12 M.; observation for latitude not possible.

August 9, 1899.

August 3; At 7^h 16^m, a.m., l.m.t., I set off $45^{\circ} 51' 30''$ on the lat. arc; $17^{\circ} 27'$ N. on the dial. arc, and determine a true meridian by the solar at the cor. of subs. 32 and 33, on the S. ldy., reestablished by me July 18, 1899, a rock in place, 30 x 30 x 30 in. above ground, marked and witnessed as described in the field-notes of surveying returned to the surveyor-general.

Subdivision of T. 5 N., R. 38 E. - Continued.

Chains: alder, willow & bunchgrass.

Mountainous, or heavily timbered land, 80.97 ch.

I return E. bdy. of sec. 5 as follows:

N. $1^{\circ}08'E.$, on a blank line bet. secs. 4 & 5.

30.77 Set temp. $\frac{1}{4}$ sec. cor. W. bdy. of sec. 4.

40.92 Intersect the $\frac{1}{4}$ sec. cor. E. bdy. of sec. 5, a post marked & witnessed as described by the surveyor-general.

92.60 At point 350 ft. below the closing sec. cor. south, & intersect the cor. of secs. 4, 5, 32 & 33, a post marked & witnessed as described by the surveyor-general.

Therefore, at the temp. $\frac{1}{4}$ sec. cor. pt. I set a pin post 4 ft. long, 4 ins. dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. W. bdy. of sec. 4, marked $\frac{1}{4}$ S. or E. face, as recorded in the field notes of survey returned to the surveyor-general, from which

A spruce, 24 ins. diam., bears $S. 78^{\circ}E.$, 22 ths. dist., marked $\frac{1}{4}$ S. 4, B:G.

Sky overcast at 12 M.; observation for latitude not possible.

August 10, 1899.

I return E. bdy. of sec. 8 as follows:

North, on a blank line bet. secs. 8 & 9, on

171 A

FINAL OATHS FOR SURVEYS.

A list of the names of the individuals employed by William C. and George B. Campbell, U. S. Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Township 5 north range 38 east Willamette Meridian, Oregon, showing the respective capacities in which they acted:

- , Compassman.
- Robert F. Ormoy -----, Chainman.
- Charles B. Campbell -----, Chainman.
- Homer D. Angell -----, Chainman.
- Roy J. Campbell -----, Chainman.
- Homer D. Angell -----, Axeman.
- Blyde W. Riddell -----, Axeman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted William C. and George B. Campbell, U. S. Deputy Surveyor, in surveying all those parts or portions of the subdivision lines of Township 5 north range 38 east Willamette Meridian, Oregon,

as are represented in the foregoing field notes as having been surveyed by ^{them} ~~him~~ and under ^{this} ~~his~~ direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the U. S. Surveyor General of Oregon:

- , Compassman.
- Robert F. Ormoy -----, Chainman.
- Charles B. Campbell -----, Chainman.
- Homer D. Angell -----, Chainman.
- Roy J. Campbell -----, Chainman.
- Homer D. Angell -----, Axeman.
- Blyde W. Riddell -----, Axeman.
- , Flagman.

Subscribed and sworn to before me, this twelfth day of September, 1899

[SEAL.]

William C. Campbell
U. S. Deputy Surveyor



171B

FINAL OATH OF DEPUTY SURVEYOR^s.

I, We, William E. and George R. Campbell, United States Deputy Surveyor^s do solemnly swear that in pursuance of instructions received from Robert A. Habusham, U. S.

Surveyor-General for Oregon, bearing date of the ninth

day of February, 189⁹, ^{we} I have well, faithfully, and truly, in ^{our} ~~my~~ own proper person^s and in strict conformity with the instructions furnished by the U. S. Surveyor-General for Oregon, the Manual of Surveying Instructions, and the laws of the United States, surveyed

all those parts or portions of the subdivision lines of Township No. 5 north, range No. 38 east

Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been surveyed by ^{us} ~~me~~ and under ^{our} ~~my~~ directions; and ^{we} I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor-General for Oregon, and in the specific manner described in the field notes, and that the foregoing are the ^{we} ~~true~~ field notes of such survey; and should any fraud be detected, ^{we} I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

William E. Campbell

George R. Campbell

U. S. Deputy Surveyor^s

and George R. Campbell

Subscribed by said William E. Campbell, U. S.

Deputy Surveyor, and sworn to before me this 29th

day of Dec., 189⁹.

Alexander M. Kelsey

County Clerk and ex-officio Clerk of the Circuit Court, Wasco Co., Or.

171C

Office of U. S. Surveyor-General,

PORTLAND, OREG., June 30, 1890

The foregoing field notes of the survey of the

Subdivisional lines of
Township 5 North Range
38 East Will Mer Oregon

executed by W. C. & G. R. Campbell
U.S. Deputy Surveyors.

under his contract No. 699, dated February
9th, 1899, having been critically examined,

and the necessary corrections and explanations made, the said field
notes and the surveys they describe, are hereby approved.

Robert H. Starnham

U. S. Surveyor-General.

