

Field Notes of the Survey

of the Base Line from the S.E. corner of Township 1 N
 Range N° 32 East on Mc Kay Creek. East to the S.E. corner of
 Town 1 North R. 40 East in Grande Ronde Valley, Oregon. by
 Timothy W Durenforth. U.S. Deputy Surveyor under his contract
 N° 102 dated July 20th 1863.

South boundary, Town 1 N R 33 East.

thence	Commencing at the S.E. corner of Town N° 1 North R 32 East East on the South boundary of Sec 31 Town 1 N R 33 East. Aug 6 th 1863	
40.00	Set gr. Sec post. on ridge descending North made mound of earth, with charred stake as per instructions	30
54.50	Trail course N.E.	20
80.00	Set post corner to secs 31 & 32. made mound of Earth drove charred stake as per inst. Bar 20° 15' E, soil of this mile is a hard clay dust producing bunch grass.	30
East	On the South boundary of Sec 32. Bar 20° 15' E	
40.00	Set gr Sec post in mound of Earth with charred stake as per inst.	40
45.00	Commence descending	10
55.00	Bottom of hollow descending to McKay creek	150
80.00	About 2000 chs to the South. corner to Secs 32 & 33 Set post in mound of Rock with charred stake as per inst. on the side of ridge descending to McKay creek Bar 21° E Surface in ridges soil ash clay producing Bunch grass x	200
East	On the South boundary of Sec 33, Bar 21° E	
5.00	Commence to descend	
35.00	Bottom of Ravine descending to the South.	150
40.00	Set gr. Sec post. in mound of Earth as per inst. depositing charred stake etc. Aug 6 th 1863.	75
51.50	Top of ridge	125
58.00	Bottom of Hollow	75
80.00	Set post corner to Secs 33 & 34 in mound of Earth depositing charred stake as per inst. Bar 21° 10' E. Surface of this mile broken by sharp ridges Soil compact clay dust. fine bunch on last 1/2 mile & first half rocky.	150

Base Line Extension

South boundary of Town 1 N R 33 East.

Thence	East	on South boundary of Sec 34, Var 21° 10' E	
	12.00	Top of ridge	50
	35.00	Bottom of ravine	150
	40.00	Set gr sec post in mound of Earth and drove charred stake as per inst.	80
	54.00	Top of ridge N & S	100
	63.00	Bottom of Ravine	150
	80.00	Set post corner to Secs 34 & 35 made mound of Earth & drove charred stake as per inst. + Var 20° E Surface broken into sharp ridges, soil encumbered with rocks. produces sundograss	
"	East	on South boundary of Sec 35, Var 20° E	
	40.00	Set gr sec post, mound of Earth, drove charred stake as per inst.	
	65.00	Head of Ravine	
	80.00	Set post corner to Secs 35 & 36 on top of ridge, made mound of Earth, drove charred stake as per inst. Var 40° 45' E Surface of this mile is broken by sharp ridges descending rapidly to the South to Mc Kay's Creek. Soil unfit for Cultivation	250
"	East	on South boundary of Sec 36, Var 40° 45' E	
	40.00	Set gr sec post, made mound of Earth, drove chd stake as per inst.	400
	50.00	Bottom of Ravine and Scattering Pine Timber	100
	80.00	Set post corner to ^{Secs} 31 & 36 Townships 1 North Range 33 & 34 East, on the top of a high ridge Made mound of Rock, Var 20° 15' E	350
		South Boundary of Township 1 N R 34 East.	
Thence	East	On South boundary of Sec 31, Var 20° 15' E	
	40.00	Set gr sec post, made mound of Rock.	400
	40.25	South point of a rock Crag 1.2 feet high	
	45.50	Bottom of ridge + Enter Brush	75
	49.50	North fork of Mc Kay's Creek 100 lks wide runs South West.	
	51.50	Commences to ascend & leave Bottom land	
	80.00	Set post corner to Secs 31 & 32 from which a Pine 12 inches in dia bears S 40° W 32 lks dist a Pine 8 inch in dia bears N 30° W 97 lks " a Pine 15 inch in dia bears N 70° E 87 lks " + Var 18° 30' E.	400

Base Line Extension

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South Boundary of Town 1 N R 34. East.

Thence	East.	On South boundary of Sec 32, Var 18° 30' East;	
	10.00	Top of ridge	100 ⁺
	40.00	Set gr Sec post, from which a Pine 9 inch in dia bears S 30° W 63 lks dist. Pine 16 inch in dia bears N 80° E 38 lks "	
	43.30	a Branch 10 lks wide runs N 60° W	15 ⁻
	45.00	Commence to ascend ridge	
	72.12	a Pine 18 inch in dia	200 ⁺
	80.00	Set post corner to Secs 32 & 33 from which a Pine 13 inch in dia bears S 2° E 2.05 lks dist made mound of Earth, drove charred stake as per inst. Var 23° 45' East, Aug 7 th 1863.	100 ⁺
	East.	on South boundary of Sec 33, Var. 23° 45' E	
	40.00	Set gr. Sec post in mound of rock.	200 ⁺
	80.00	Set post corner to Secs 33 & 34, made mound of rock, + Var 21° 45' E + Soil Suited for Cultivation, Produces bunch grass destitute of timber	25 ⁺
	East	on South boundary of Sec 34, Var 21° 45' E	
	40.00	Set gr Sec post in mound of Earth, drove charred stake as per Inst. Here reach top of undulating mountain table land of good soil producing fine bunch grass, Yarrow, Sun flower, and wild rose bush. Small groves of scattering Pine	40 ⁺
	80.00	Set post corner to secs 34 & 35 on the edge of bluff, made mound of Earth + drove charred stake as per Inst. Var 16° 30' E	
	East	on South boundary of Sec 35, Var 16° 30' E	
	18.00	Bottom of Ravine	550 ⁻
	25.75	Commence to ascend	
	40.00	Set gr Sec post + made mound of rock, on edge of Table land + Var 22° 45' E	550 ⁺
	80.00	Set post corner to Secs 35 & 36 on the side of ridge dipping to the North. made of Earth and drove charred stake as per Inst. Var 26° E Timber in the hollows but no water.	20 ⁻

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Base Line Extension

South Boundary of Town 1 N R 34 East

thence East
35.50 On South boundary of Sec 36, Bar 26° E
Bottom of Ravine + North fork of Mc Kay creek 500
25 lks wide, water in pools runs N W.
Timber along creek consists of Pine Fir, Alder
Cotton wood and Cherry.

40.00 Set gr Sec post, made mound of Earth
drove churched stake as per Inst.

80.00 Set post corner to Secs 31 + 36 Township
1 North Range 34 + 35, East.
made mound of Earth, drove churched
stake as per Inst., Bar 20° East.

thence East
35.00 On South boundary of Sec 31 + Bar 20° E
Enter Timber

40.00 Set gr Sec post, from which
a Pine 10 inch in dia bears S 15° E 29 lks dist
Pine 28 inch " bears N 30° W 40 lks "

80.00 Set post corner to Secs 31 + 32, from which
Pine 24 inch bears N 10° E 43 lks dist
a White Fir 10 inch in dia bears N 30° W 30 lks "

Surface of this mile undulating, Soil gravelly
Timber, Tamarack Pine + Fir, Undergrowth
service berry, Willow + cherry.
Bar 24° E + August 8th 1863.

East
40.00 On South boundary of Sec 32 + Bar 24° E
Set gr Sec post, from which
a Red Fir 12 inch in dia bears S 5° E 74 lks dist
a Red Fir 16 inch in dia bears S 70° W 65 lks
a White Fir 16 inches in dia.

52.10 Set post corner to Secs 32 + 33 from which
80.00 a Hemlock, 18 inches in dia bears S 40° E 19 lks
a Red Fir 14 inch in dia bears N 20° W 53 lks
a Red Fir 10 inch in dia bears N 40° E 46 lks.
Bar 21° 40' E + Surface Undulating Timber
soil etc. as before in previous mile.

East
12.00 On South boundary of Sec 33 + Bar 20° 40' E
Commence to descend

40.00 Set gr Sec post, from which
a Spruce 12 inch in dia bears S 25° E 27 lks dist.
a Spruce 10 inch in dia bears N 3° E 28 lks dist.

125

25

50

List of Names

A List of the Names of individuals employed to assist in running, measuring, or marking the lines and corners, described in the foregoing field notes of the Survey of the Base Line from the S E corner of Township N^o 1 North Range 32 East; Willamette Meridian in the State of Oregon. East to the S E corner of Township N^o 1 North Range 40 East. Showing the respective capacities in which they acted.

W. B. Carey	} Chairman
Benj. F. Davenport	
Geo. W. Davenport	
Lloyd Pitman	
Sylvanus Symons.	

We hereby certify that we assisted Timothy W. Davenport deputy Surveyor, in surveying the above named Base Line and that said Base Line, has been in all respects to the best of our knowledge and belief, well and truly surveyed and the boundary monuments, planted according to the instructions furnished by the Surveyor General.

W. B. Carey	} Chairman
Benj. F. Davenport	
Geo. W. Davenport	
Lloyd Pitman	
Sylvanus Symons.	

Subscribed and sworn to by the above named persons. before me, a Justice of the Peace in and for the County of Marion in the State of Oregon. this seventeenth day of December 1863.

William Russell Justice of the Peace

I Timothy W Davenport, deputy Surveyor, do solemnly swear that, in pursuance of a Contract with Reynou J. Perzra, Surveyor General of the public lands of the United States in the State of Oregon, bearing date July 20th 1863, and in conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the Base Line extending East from the S.E. Corner of Township N^o 1 North Range 32 East, to the S.E. corner of Township N^o 1 North Range 40 East, in the aforesaid State, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Timothy W Davenport,
Deputy Surveyor.

Subscribed by said Timothy W Davenport, Deputy Surveyor, and sworn to before me, a Justice of the Peace for the County of Marion and State of Oregon, this seventeenth day of December 1863.

William Russell Justice of the Peace.

I, Timothy M. Davenport, Deputy Surveyor, do solemnly swear that, in pursuance of a contract with B. P. Pengra, Surveyor General of the Public Lands, in the State of Oregon, bearing date July 20th 1863, and in conformity to the Laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the Guide Meridian extending North & South of the Base Line, between Ranges 39 & 40 East, from the North boundary of Township 1. North, to the South boundary of Township 10 South through Grand Rond, and Powder River valleys, in the State of Oregon, and also the First and Second Standard Parallels South of Base Line, starting from said Guide Meridian, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Timothy M. Davenport,

Deputy Surveyor

Witness my hand and subscribed by said Timothy M. Davenport, Deputy Surveyor, at my office in Eugene City Oregon, this 10th day of August, 1864

B. P. Pengra

Sur. Gen. of Oregon

I, Timothy M. Davenport, Deft. Sur. further solemnly swear, that the Township corner posts, referred in the notes are not less than 4 feet long, 2 feet in the ground, by 5 inches in diameter, 2 feet above the ground, by 4 inches square; and that the section corner posts referred to in the notes are not less than four feet long, 2 feet in the ground, by 4 inches diameter, 2 feet above the ground, by 3 inches square, and the 1/4 stakes of the same length in the ground, and the same height above it, by 3 inches in width, that the mounds and corner stones have been constructed of not less size and dimensions than prescribed in the Manual; and that all the Meets and Bounds have been marked and conditioned, in every respect as required in the Surveying instructions at pages 2 to 11 inclusive, and that they are calculated to endure the ordinary natural deterioration.

I hereby certify that I assisted Timothy W. Dorris
 deputy Surveyor, in surveying the Base Line from the
 S E corner of Township N^o ~~one~~ North Range 39 East
 to the S E corner of Township N^o 1 North Range 40 East.
 Willamette Meridian, and that said Base Line has been
 in all respects, to the best of our knowledge and belief
 well and truly surveyed and the boundary monuments
 planted according to the instructions furnished by the
 Surveyor General.

Sylvanus Symons

American

Subscribed and sworn to before me above named
 person, before me a Justice of the Peace for the
 County of Clatsop in the State of Oregon, this
 6th day of January 1864

William Russell
 Justice of the Peace.

W. Russell

Sworn to and subscribed before me at Eugene City Oregon this 11th day of January 1864

Timothy W Davenport

Deputy Surveyor

Sworn and subscribed to before me at my office at Eugene City this 11th day of January 1864

J. J. Penzance

Surveyor General

of Oregon

Base line through

Surveyor General's Office

Eugene City Oregon Jan. 12th 1864

The foregoing field notes of the Survey of the Guide Meridian between Ranges ^{33, 34, 35, 36, 37, 38} 39 & 40, East of the Willamette Meridian, and of the 1st 2^d Stand and Parallel, South of the Base Line, in Grand Bend and Powder River Valleys executed by Timothy W. Davenport, Deputy Surveyor, under his Contract No. 102, of the 20th of July 1863, having been critically examined, the necessary corrections and explanations made, the said field notes and the Surveys they describe are hereby approved.

J. J. Penzance
Surveyor General of Oregon.