

# 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 20<sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> 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

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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 125  
drove charred stake as per Inst.

80.00 Set post corner to Secs 31 + 36 Township  
1 North Ranges 34 + 35, East.  
made mound of Earth, drove charred  
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 8<sup>th</sup> 1863.

East  
40.00 On South boundary of Sec 32 + Bar 24° E  
Set gr Sec post, from which 25  
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 50  
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.

South Boundary of Town 1 N 72 35 East.

St. 25- 80.00	Bottom of Slope, small ditch of water. Set post corner to Secs 33 & 34 from which a Spruce 12 inch in dia bears S 71° W 3 lks dist a Red Fir 16 inch in dia bears N 60° E a Spruce 16 inch in dia bears N 30° W 28 lks dist Bear 21° 30' East & In this mile there is much burnt timber, thick young groves of Spruce Tamarack and Fir, abundant growth of fine green grass.	5-
thence East 36.50 40.00	On South boundary of Sec 34, Bear 21° 30' East. a Branch 25 lks wide runs N E, water in holes Set gr. Sec post, from which a Spruce 10 inch in dia bears N 30° W 52 lks dist a Spruce 7 inch in dia bears S 21° E 45 lks dist Old Emigrant Road course N 40° W	25- 10
40.60 77.00 80.00	Bottom of Hollow. Set post corner to Secs 34 & 35 from which a Spruce 12 inch in dia bears N 70° W 42 lks dist a Spruce 12 inch in dia bears N 50° E 43 lks " a Spruce 14 inch in dia bears S E 51 lks " Bear 18° 30' E & Excellent grass on the bottom Timber etc as in the previous mile &	100
East 9.84 40.00	On South boundary of Sec 35, Bear 18° 30' E a Pine 30 inch in dia Set gr. Sec post, from which a Spruce 8 inch in dia bears N 70° E 40 lks dist a Spruce 8 inch in dia bears S 40° E 20 lks "	100 300
46.00	Bottom of Ravine, South Creek 20 lks wide runs East, water in holes.	200
58.50	Top of ridge.	500
67.20	a Branch 15 lks wide runs North	400
80.00	Set post corner to Secs 35 & 36 from which a Tamarack 12 inch in dia bears S 25° W 18 lks dist a Pine 12 inch in dia bears N 50° W 36 lks dist a Tamarack 12 inch in dia bears N 60° E 17 lks Bear 30° 45' East & Surface of this mile is badly broken, but little room for soil Timber as before.	400

Base Line Extension

On South Boundary of Town 1 N R 35 East.

Thence	East	On South boundary of Sec 36, Bar 20°45' E Commence to Descend.	
	15.00		
	32.50	Bottom of Ravine + Dry Branch 10 lks wide runs North	600
	40.00	Set gr Sec post, on the side of ridge + from which a Pine 36 inch in dia bears S 70° E 48 lks dist Pine 14 inch in dia bears S 35° E 112 lks dist August - 9 <sup>th</sup> 1863.	400 <sup>+</sup>
	47.00	Top of Table	200 <sup>+</sup>
	80.00	Set post corner to Secs 31 + 36 Township 1 North Range 35 + 36 East, from which a Spruce 8 inch in dia bears N 60° E 31 lks dist a Pine 14 inch in dia bears N 15° W 37 lks " a Pine 12 inch in dia bears S 50° W 33 lks " Bar 20° 30' E, Surface of last half mile slightly uneven, Soil and Timber as before.	

On South boundary of Town 1 N R 36 East.

Thence	East.	On South boundary of Sec 31, Bar 20° 30' E	
	40.00	Set gr Sec post, from which a Hemlock 16 inch in dia bears N 60° W 17 lks dist a do 10 inch in dia bears N 35° E 33 lks "	40
	80.00	Set post corner to Secs 31 + 32, from which a Red Fir 12 inch in dia bears N 30° E 114 lks dist a Red Fir 20 inch in dia bears N 85° W 74 lks " Bar 18° 30' E x Surface broken by Knobs, Timber scattered	100 <sup>+</sup>

"	East	On South boundary of Sec 32, Bar 18° 30' E	
	38.00	Bottom of Slope	1200
	40.00	Set gr Sec post, on the <sup>West</sup> bank of a dry creek 50 lks wide, runs South, from which post a Red Fir 8 inch in dia bears S 40° W 34 lks dist. a Red Fir 6 inch in dia bears N 60° E 11 lks dist	
	59.00	Top of sharp ridge course N + S.	1200 <sup>+</sup>
	80.00	Set post corner to Secs 32 + 33, from which a Pine 40 inch in dia bears N 10° E 50 lks dist a Pine 36 inch " " S 45° W 150 lks " Bar 21° East.	400

## 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<sup>o</sup> 1 North Range 32 East; Willamette Meridian in the State of Oregon. East to the S E corner of Township N<sup>o</sup> 1 North Range 40 East. Showing the respective capacities in which they acted.

W. B. Carey	}	Chairman
Benj. F. Davenport		"
Jos. W. Davenport		"
Lloyd Pitman		"
Sylvanus Symons.		Assessors

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		"
Jos. W. Davenport		"
Lloyd Pitman		"
		Assessors

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 20<sup>th</sup> 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<sup>o</sup> 1 North Range 32 East, to the S.E. corner of Township N<sup>o</sup> 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 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<sup>o</sup> ~~one~~ North Range 39 East  
 to the S E corner of Township N<sup>o</sup> 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  
 6<sup>th</sup> day of January 1864

William Russell  
 Justice of the Peace.

W. Russell



Sworn to and subscribed before me at my office  
 at Eugene City Oregon this 11<sup>th</sup> day of January 1864  
 Timothy W Davenport  
 Deputy Surveyor

Sworn and subscribed to before  
 me at my office at Eugene City this  
 11<sup>th</sup> day of January 1864  
 W. J. Penzance  
 Surveyor General  
 of Oregon

Base line through

Surveyor General's Office  
 Eugene City Oregon Jan. 12<sup>th</sup> 1864

The foregoing field notes of the Survey of the  
 Guide Meridian between Ranges <sup>33, 34, 35, 36, 37, 38</sup> 39 & 40, East of  
 the Willamette Meridian, and of the 1<sup>st</sup> 2<sup>d</sup> Stand  
 and Parallel, South of the Base Line, in Grand  
 Road and Powder River Valleys executed by  
 Timothy W. Davenport, Deputy Surveyor, under  
 his Contract No. 102, of the 20<sup>th</sup> 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.

W. J. Penzance  
 Surveyor General of Oregon.