

Rec<sup>d</sup> with Surv Genls letter of August 24<sup>th</sup> 1860.

Field notes of the Survey of the 1<sup>st</sup>  
Standard Parallel North of the Base  
line through Ranges 30-29-28-27-26-25  
24-23-22-21-20-19-18-17-16-15-14-13 + 12. E of  
the Willamette Meridian in the  
State of Oregon + Territory of Washington  
by W. J. G. Maxon & Jared S. Howard,  
Deputy Surveyors, under their Contract  
No 50 bearing date the 2<sup>nd</sup> day of February  
1860.

Survey commenced May 5<sup>th</sup> 1860  
Survey completed May 25<sup>th</sup> 1860

Note for preliminary oath see notes of  
3<sup>rd</sup> Stand. Par. N. B. of Maxon & Howard



INDEX  
1<sup>st</sup>. Standard Parallel through Rs 12.70 30 E.

R. 29 E						R. 30 E.					
31	32	33	34	35	36	31	32	33	34	35	36
5	5	5	4	4	4	4	3	3	3	3	3

T. 27 E						T. 28 E.					
31	32	33	34	35	36	31	32	33	34	35	36
8	8	8	8	8	7	7	7	6	6	6	6

R. 25 E.						R. 26 E					
31	32	33	34	35	36	31	32	33	34	35	36
12	12	11	11	10	10	10	10	9	9	9	9

*Res. V. 17. P. 93*  
*Res. V. 87 P. 417*  
*\* See vol. 17 - runway islands*

R. 23 E.						R. 24 E.					
31	32	33	34	35	36	31	32	33	34	35	36
16	16	16	15	15	15	14	14	14	13	13	13

*Res. V. 17. P. 93*  
*Res. V. 17. P. 93*

R. 21 E.						R. 22 E					
31	32	33	34	35	36	31	32	33	34	35	36
20	19	19	19	18	18	18	18	17	17	17	16

*Res. V. 17. P. 93*  
*Res. V. 17. P. 93*

R. 19 E.						R. 20 E					
31	32	33	34	35	36	31	32	33	34	35	36
23	23	23	22	22	22	22	21	21	21	20	20

*Res. V. 17. P. 93*

R. 17 E.						R. 18 E.					
31	32	33	34	35	36	31	32	33	34	35	36
28	28	27	27	27	26	26	26	25	24	24	24

*6 5 4 3 2 1*

R. 15 E						R. 16 E.					
31	32	33	34	35	36	31	32	33	34	35	36
32	32	31	31	31	31	30	30	30	29	29	29

*Resurveyed - See Vol. 15. p. 2*

R. 13 E.						R. 14 E					
31	32	33	34	35	36	31	32	33	34	35	36
37	36	36	36	35	35	34	34	34	33	33	33

*6 5 4 3 2 1*

R. 12 E					
31	32	33	34	35	36
39	38	38	38	37	37

*Res Vol. 53 P. 37*

\* Resurveyed through Ranges 20.21.22.23. & 24.  
See Vol. 17 page 92



## 1st. Standard Parallel N. Range 29 East Will. M.

Chains	of earth, trench & pits as per instructions	
80 00	Set post for corner to sects 33 & 34 in mound of earth, trench & pits as per instructions Soil clay & sand, grass good, scattering sage & grease wood, Land gently rolling May 5th 1860.	level
	West on South boundary of Sect 33 Var; 18° E.	
11 50	Trail bears S 22° W & N. 22° E.	Level.
18 75	Trail bears N & S.	Level
38 56	Way ravine bears N & S.	24
40 00	Set post for 1/4 Sect corner in mound of earth, trench & pits as per instructions.	level
80 00	Set post for corner to Sects 32 & 33 in mound of earth, trench & pits as per instructions Soil poor & sandy, grass light, Country rolling	25
	West on South boundary of Sect 32. Var; 18° E.	
40 00	Set post for 1/4 Sect corner in mound of earth, trench & pits as per instructions	level
80 00	Set post for corner to Sects 31 & 32 in mound of earth, trench & pits as per instructions Soil poor & sandy grass light A little grease wood & cactus. Level.	level
	West on South boundary of Sect 31. Var. 18° E.	
40 00	Set post for 1/4 Sect corner in mound of earth, trench & pits as per instructions	level
80 00	Set Post for corner to Township No 5, North of Ranges 28 & 29 East in mound of earth, trench & pits as per instructions Soil Land very poor, dense growth of sage, <sup>interspersed with a little grass,</sup> grease wood & Cactus. Land gently rolling.	level



## 1st Standard Parallel N. Range 12 East. Will. M.

Chains

Soil 2<sup>nd</sup> rate, red clay, very hilly. Timber  
Fir + Pine. Undergrowth Vine Maple  
Cherry + Wenlock very dense.

West on South boundary of Sect 31.  
Var. 187 $\frac{1}{2}$  E.

14.09

Marked Pine tree 24 in. diam. on edge of  
perpendicular bluff, on east fork of  
White Salmon River, for corner to fract.  
Sect. 31. Township No. 5 North of Range No. 12  
East of the Willamette Meridian, as the  
Cañon below this post is 2000 feet deep and  
the country beyond being very rough + broken  
I here terminate the survey of the 1<sup>st</sup> Stand.  
Parl. North of the base line.

150

Soil 2<sup>nd</sup> rate, broken, Timber Pine + Fir  
Undergrowth Vine Maple + Hazel.

Mt. Adams bears  $17^{\circ}$  N

May 25, 1860.

ditto  $17^{\circ}$  E.

## General description

The line through Ranges 30-29-28-27-26 + 25,  
passes over a very poor tract of ~~tract of~~ country,  
of wood, and water except the Umatilla  
& Columbia rivers, grass mostly thin  
& light. Through ranges 24-23-22 + 21, 20.  
19-18-17- the soil is better, consisting of  
clay + sand, but very dry + rolling.

The balance is mostly high, + rolling  
country, poorly watered + lightly  
timbered with pine + oak. There are no  
settlements on the line until its intersection  
with the Clackamas valley.

36

clay + sand



List of names of the individual employed to assist in running & measuring &c. marking the lines described in the foregoing field notes showing the respective capacities in which they acted,

W. J. G. Maxon, Compassman  
 John A. Tennent, Chainman,  
 J. P. Carter, Chainman,  
 John A. Dunlap, Chainman,  
 Francis Gab, Chainman,  
Benj. Franklin, Axeman & Ground builder

Peter J. Stice, left without notice while the party were in the field, and Francis Gab, took his place as Chainman on the 17th day of May & as there was no qualifying officers within many miles, I wrote out the form of affidavit and had Gab sign it.

W. J. G. Maxon,  
 Compassman.

For affidavits of assistant aids and Compassmen, see notes of 3<sup>rd</sup> Stand, Parl, North of base line, & east of Guide Meridian by Maxon & Heard, under their <sup>contract</sup> No. 50, bearing date Febr. 2<sup>nd</sup> 1860.

Surveyor General's Office

Olympia, W. T., Aug. 24, 1860.

The foregoing field notes of the Survey of the First Standard Parallel, North through Range No. 12 to 30 inclusive, east of the Willamette Meridian executed by Messrs. Heard & Maxon, under their Contract No. 50 bearing date February 2<sup>nd</sup> 1860, in the month of May 1860, having been entirely examined the necessary corrections & explanations made, the said field notes & the surveys they describe are hereby approved.

James Pitton,  
 Surveyor General, W. T.