

Rec^d with Surv Genls letter of August 24th 1860.

Field notes of the Survey of the 1st
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 2nd day of February
1860.

Survey commenced May 5th 1860
Survey completed May 25th 1860

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

I N D E X
1st. 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
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

* Re-surveyed through Ranges 20. 21. 22. 23. & 24.
See Vol. 17 page 92

1st. Standard Parallel North R. ³⁰ 39 E. Will. M.

Chains			
40.00	Set post for $\frac{1}{4}$ Sect Corner in mound of earth, trench & pits as per instructions		
80.00	Set post for corner to Sects 31 & 32. in mound of earth, trench & pits as per instructions		
	Soil poor & sandy, grass tolerably good <u>Country rolling.</u>		
	West on South boundary of Sect 31 Var. 18° E.		
40.00	Set post for $\frac{1}{4}$ Sect. Corner in mound of earth, trench & pits as per instructions		
80.00	Set post for corner to Township No 5 North of Ranges 29 & 30 East, in mound of earth, trench & pits as per instructions		
	Soil poor & sandy, good bunch grass, <u>Country slightly rolling.</u>		
	West on South boundary of Sect 36. Var. 18° E.		
40.00	Set post for $\frac{1}{4}$ Sect. Corner in mound of earth, trench & pits as per instructions	20	
80.00	Set post for corner to Sects 35 & 36 in mound of earth, trench & pits as per instructions	20	
	Soil poor & sandy, grass good, scattering patches of sage & grease wood, <u>Gently rolling</u>		
	West on South boundary of Sect 35 Var. 18° E.		
40.00	Set post for $\frac{1}{4}$ Sect. Corner in mound of earth, trench & pits as per instructions	20	
68.00	Dry ravine bearing S W & N E.	20	
80.00	Set post for corner Sects 34 & 35 in mound of earth, trench and pits as per instructions, Soil clay & sand, good grass, <u>Gently rolling</u>	level	
	West on South boundary of Sect 34. Var 18° E.		
40.00	Set post for $\frac{1}{4}$ Sect. corner in mound of	20	

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, ^{interspersed with a little grass,} grease wood & Cactus. Land gently rolling.	level

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

Chains

Soil 2nd 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 1st Stand. Parl. North of the base line.

150

Soil 2nd rate, broken, Timber Pine + Fir Undergrowth Vine Maple + Hazel.

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

May 25, 1860.

ditto ^N 17 $^{\circ}$ E.

General description

36 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.

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

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 3rd Stand, Parl, North of base line, & east of Guide Meridian by Maxon & Heard, under their ^{contract} No. 50, bearing date Febr. 2nd 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 2nd 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.