

Field Notes of Road Survey No 289, Umatilla Co. Oregon

Met viewers Louie Reith, Hess Greene and Frank Vanhorn at Barnhearts Station on the O. R. & N. Co's R. R. Saturday May 7th 1887, and calling Robt Templeton and Jno. S. Sanders to act as chain, and S. A. Brownell as marker, after qualifying each as directed by law, I set initial post mark R on east side, in mound of earth at N.E. Cor. of ware house at the above named station, and run thence (Excidingly stormy weather, assumed $\text{ca. N. } 20^{\circ} \text{ E.}$)

	feet	
S 61° 15' E	680	Set angle stake about 25 ft. N of point against R. R. grade.
S 74° 20' E	1650	" " " " 15 " " "
S 58° 23' E	1810	" " " " 25 " E " "
N 85° 07' E	1980	" " " " 15 " N " "
N 57° 07' E	2370	" " " " 30 " " " "
S 75° 23' E	3550	" " " " 30 " " " " on rock cliff
S 49° 13' E	3980	" " " " 30 " E " " on N bank Umatilla River

about 250 ft N. of main channel of river - I change course to S 11° 17' W and note a point in line at the waters edge on the south side of the river; and, with the crew, I cross the river about 20 chains above, and by a system of triangles, find the distance from the last station to point noted on opposite side of river to be 400 ft. and the distance across the river, on line, to be 150 ft. River runs N. 65° W. I prolong the last line 120 feet, hence the true line is

S 11° 17' W	4500	cut A on live balm tree 12 ins dia. at point on S. side river & turns
S 58° 43' E	5280	cut 1M on live balm tree 18 ins dia. a few feet east of line in bush.

Continue Course

	970	Set angle stake about 30 ft south and near mouth of canon - ascend hill
S 89° 33' E	1400	" " " " 30 " north of point
S 13° 33' W	1942	" " " " 30 " west " "
S 52° 27' E	2114	" " " " 30 " south " " on summit
S 62° 17' E	3050	" " " " 30 " west " " W. side of canon.
S 59° 43' W	3613	" " " " 30 " east " " Center of dry canon bed.
S 15° 17' E	3950	" " " " 30 " east " "
S 75° 17' E	4579	" " " " 20 " north " "
S 7° 43' W	5280	" 11M post in rock mound about 4 ft. east of point on E side of canon - Adjourned to meet again Monday, May 16 th 1887, and complete the survey of road 289.

Met pursuant to adjournment Monday, May 16th 1887; absent the two chainmen. In the emergency of the case I called on Mess Green and S. A. Crowell to act as chain bearers and duly qualified each. Resuming the survey of Road 289 at the second mile post and run thence

S 24° 17' E	800 ft	Descend
	900	Gulch course N - 7' Ascend
	1100	Summit - Descend
	1113	Set angle stake on line on W. side of canon & turn,
* S 29° 13' W	1250	Gulch - 20' course east + Ascend
	1650	Summit - Descend 50
	1790	Set angle stake on line on E. side of Canon. & turn,
* S 47° 00' E	2100	Gulch course west + Ascend
	2500	Summit - Descend 20'
	2600	Set angle stake at point on E. side of Canon & turn,
* S 47° 30' W.	2900	Gulch Course N.E. + Ascend
	3300	Summit - Descend 10'
	3375	Set angle stake on line on E. side of canon & turn,
* S 31° 45' E.	3700	Gulch, Course N.W. + Ascend
	4200	Summit
	4300	Set angle stake at point in sandy bank, W. side canon, & turn,
S 9° 55' W	5200	" " " " " on W. side canon - Descend, & turn,
S 17° 35' E.	5280	" 111M post on line on W. side of canon

Continued course

	80	Gulch course N. + Ascend.
	838	Set angle stake at point on E. side of canon, & turn,
S 49° 35' E	1020	Gulch - 8' course N.W.
	1760	Intersect line bet ^{Secs} 25 + 26 about 150' south of corner for 1/4 th .
	1910	Set angle stake at point S.E. of Chauvict's, on W. side canon, & turn,
S 16° 05' E	2400	" " " " " in Alkali Sand, Summit on west side of canon, Descend 12' & turn.
S 9° 05' E	2530	Gulch course E. + Ascend,
	3520	Cross wire fence into Allen's pasture
	3984	cut A on post in Allen's fence, leave pasture & turn
S 4° 05' E	4400	Intersect line bet. Secs. 25 + 36 about 300' east of N.W. cor. 36
	5200	Summit, Descend 8'
	5260	Ravine Course E. + Ascend
	5280	Set 111M post on line on W. side of canon

Field Notes Road Survey No 289, com. at 4 m. post

	feet		
S 4° 05' E	514	Set angle stake at point, & turn	
S 7° 35' E	1375	Gulch - 10' course east.	
	1928	Set angle stake in thick greasewood on west side of Canon's Summit	(turn)
S 2° 05' E	2300	Gulch - 6' course, north.	
	2550	Abrupt descent - 12'	
	2600	Gulch course N.E. + Ascend.	
	2700	Level.	
	3420	Descend - 12'; then Ascend.	
	3500	Level.	
	3841	Set angle stake on W. side of Canon & turn	
S 17° 40' E	4423	" " " 23' east of stake on former survey, angle in fence S + W	(turn)
S 18° 05' E	5280	" 5 m. post on line on west side of Canon.	
		Continous course.	
	1900	Set angle stake on W bank of creek in cañon; turn across creek	
S 3° 35' E	2100	Gulch - 15' Course N.E.; Ascend	
	4513	Set angle stake 18' west of point, against fence on W. side of lane; summit;	
S 2° 40' E		A road in lane runs east; turn, descending abruptly.	
	4950	Level.	
	5280	Set 6 mile post 25 ft east of line, at fence on E of lane -	
Tuesday May 17		called Jos Pitner and Nicholas Brown and qualified each to assist in the survey	
		Continous Course.	
	521	Set angle stake 15 ft. east of point, angle of road in lane N + W	
west		at center N.W. 1/4 Sec. 12 T. 1 N. R. 31 E. turn on per. per. line	
	700	Ascend.	
	1250	Summit.	
	1800	Set Angle Stake 25 ft west of point; intersect line bet. Secs 11 + 12	
		about 20 chains south of Sec. cor. Road in lane angles N. + E; turn	
		Along line bet. Secs. 11 + 12, Ascending gently	
South	4200	Summit	
	5280	Set 7 mile post 30 ft. east of line.	
		Continous Course.	
	350	Set angle stake 30 ft east of point and turn around Cor. Sec 11.	
S 64° 13' W	600	Ascend mildly.	(bet. sees. 11 + 14)
	629	Set angle stake about 35 ft S. W. of point, and turn on line	
West	2300	Summit.	
	2550	Descend.	
	3042	Set angle stake 20 ft N. of line and turn through center Sec. 14.	
South	5280	Set 8 mile post 30 ft east of wire fence.	

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South	450	Continue Course from 8 m. post Center Sec. 14.
	1050	Summit.
	1240	Ravine-12, Course East, Ascend.
	3070	1/4 S. cor. bet. Secs. 14 & 23, Summit; Descend gently.
S 63° 37' W	4540	Set angle post 15 ft. east of line, at fence E. side of lane, & turn around.
	4900	Descend abruptly.
	4980	Ravine-12 ft; Course SE; Ascend.
	5045	Set angle stake 15 ft. N. of point on S. side of ravine course E.
S 77° 23' E	5123	Summit; Descend gently, and turn to intersect qur. Sec. line
	5280	Ravine-6; Course N.E.
	5280	Set 9 mile post 30' N of line & about 25' S of old well in gulch, course E.
		Continue Course.
South	219	Set angle stake 15' east of point, and turn along qur. line in lane.
S 31° 37' W	975	" " " at fence on E side of lane; descend, turn around gulch
	1420	Gulch-15; Course E. Ascend gently.
	1533	Set angle stake on S. side of ravine course N.E.; 30 ft. S. of point, & turn
N 81° 37' E	1850	" " " 20' west of point against fence, & turn on qur. Sec. line
South	3650	Summit.
	4380	Gulch-16; Course N.E. + Ascend.
	5000	Summit.
	5280	Set 10 mile post in stone mound.
		Continue Course.
	200	Intersect traveled road running N.E., and south in lane.
S 86° 07' W	2591	Set angle stake at point near J. Statters old house, & turn (ascend)
	3394	" " " 30 ft. South of point and 150' west of old mile post; turn N.
S 53° 07' W	3700	Summit - Descend.
	5000	Ascend gently.
	5280	Set XI mile post 30 ft. S.E. of point.
		Continue Course.
S 83° 07' W	520	Set angle stake at point.
S 65° 22' W	985	" " " " 6 ft. N.E. of angle stake set by business; turn
	1450	Descend.
	1614	Set angle stake at Parkers place at point, and turn
S 87° 07' W	2930	Gulch-20 course N.E.
	3545	Set angle stake at point and turn on qur. section line,
South	4800	Summit; Descend.
	5280	Set 12 mile post at point N.W. of Palmers School house, & turn

S 58° 07' W
S 74° 37' W
S 87° 37' W
S 19° 37' W

342 Reset old angle stake at point, and turn
970 Ravine - 10, course south; Ascend.
1540 Set angle stake at point, center N.W. 1/4 Sec. 34, & turn
3407 Old 13 mile post on line.
4567 Reset old angle stake about 35 ft N.W. of angle in fencing E + S. (turn
5280 Set 13 mile post on line.

Continue Course.

500 Ascend gently.
1300 Summit.
1825 Fence runs N + S, corner Smith's field,
2120 " " E + W " " " road in lane E + W.
2140 Set angle stake against fence on N. side of lane and turn
2475 Along road in lane on Base Line - Set angle post in angle
of road in lane E + S. and turn on line bet. Secs. 3 + 4
T. 15. R. 31 E. W. M.

West

South

500 Ascend gently.
1800 Summit + descend gently
5048 Set angle stake at point, and turn
5280 Set 14 mile post on line.

S 32° 36' W

Continue Course.

1080 Set angle stake at angle in fence and turn
2810 A point 14 feet east of old stake in mound marked
R on east, said post being the initial post in
County road no. 210. I cut R on N. side of
this post for the terminus of County road
no. 289 and adjourned sine die.

S 8° 50' W

I hereby certify the foregoing to be
a correct copy of the original notes in
road survey number 289. -

Jno. C. Arnold,
Co. Surv. Umatilla Co. Or.