

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND

SUBDIVISION OF SECTION 23,

TOWNSHIP 6 NORTH, RANGE 37 EAST,

[Lined area for field notes]

Of the WILLAMETTE Meridian,

In the State of OREGON.

EXECUTED BY

C. Albert White, Cadastral Surveyor

Under special instructions dated April 21, 1965, which provided for the surveys included under Group Number 572, approved April 22, 1965, and assignment instructions dated July 23, 1965.

Survey commenced August 10, 1965

Survey completed September 30, 1965

INDEX DIAGRAM

Township 6 North, Range 37 East,
 Willamette Meridian, Oregon

6	5	4	3	2	1	
7	8	9	10	11	12	
		WASHINGTON				
18	17	16	15	8	14	13
		OREGON				State Line
				7		
19	20	21	22	5	12	24
					11	
					23	
					9	
					4	1
30	29	28	27	26	25	
31	32	33	34	35	36	

T. 6 N., R. 37 E., Willamette Meridian, Oregon

CHAINS

The history of surveys of township 6 north, range 37 east, Willamette Meridian, Oregon, pertaining to this resurvey, is as follows:

The Oregon and Washington State Boundary, which forms the north boundary of this fractional township, was surveyed by Daniel G. Major, in 1864, as shown on the official plat of survey approved February 6, 1866. The east boundary was completed and the subdivisional lines were surveyed by George Williams, in 1872, as shown on the official plat of survey approved September 1, 1873.

The resurvey and subdivision of section was made at the request of the Baker District Manager for administrative purposes of the Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions, lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. All lines not forming a closure were chained twice or checked by triangulation. Only those lines bounding public lands were blazed.

The resurvey and subdivision of section survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 21, 1965, for Group 572, Oregon.

The directions of the lines were determined by the solar transit method.

The geographic position of the southeast corner of section 23, as scaled from the Peterson Ridge, Oregon, quadrangle map, prepared by the United States Geological Survey, in 1963, is as follows:

Latitude $45^{\circ} 58.7' N.$ Longitude $118^{\circ} 08.6' W.$

The mean magnetic declination is $20^{\circ} 00' E.$

Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 37 E., Willamette Meridian, Oregon

(Restoring the 1872 survey by George Williams)

Beginning at the cor. of secs. 23, 24, 25, and 26, determined at record bearing and distance from the remaining original bearing tree:

A fir, 36 ins. diam., bears S. $26^{\circ} E.$, 11 lks. dist., with scribe marks BT visible on an opened blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked.

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS	
	<p>lks. dist., mkd. W 1/16 S14 BT.</p> <p>A yellow pine, 14 ins. diam., bears S. 19½° W., 64 lks. dist., mkd. W 1/16 S23 BT.</p> <p>Descend 320 ft. over NW. slope.</p>
68.15	Ravine, drains SW., enter open land; desc. 30 ft. along S. slope.
74.00	Spur, slopes S. 30° W.; desc. 210 ft. over SW. slope.
78.97	Wire fence, bears N. and S.
79.04	The cor. of secs. 14, 15, 22 and 23.
	<p>Land, mountainous.</p> <p>Soil, rocky clay.</p> <p>Timber, fir, pine, tamarack, alder and wild cherry; undergrowth, young timber, serviceberry, snow brush, arrowwood, elderberry, chokecherry, blackberry, willow, vines, sagebrush, ferns and grasses.</p>
	<p>From the cor. of secs. 14, 15, 22, and 23.</p> <p>N. 5° 29' E., bet. secs. 14 and 15.</p> <p>Ascend 30 ft. over SW. slope, over open land, along a wire fence.</p>
8.00	Top of ascent, slopes N. 70° W.; desc. 100 ft. over NW. slope, through dense undergrowth.
10.70	Ravine, drains N. 70° W.; asc. 200 ft. over open SW. slope.
15.70	Spur, slopes N. 70° W.; desc. 25 ft. over NW. slope.
19.20	Ravine, drains W.; asc. 120 ft. over SW. slope.
25.30	Spur, slopes S. 80° W.; desc. 160 ft. over NW. slope, through dense undergrowth.
28.50	Draw, drains W.; asc. 230 ft. over open SW. slope.
36.00	Spur, slopes N. 60° W.; desc. 60 ft. over N. slope, through scattering timber and dense undergrowth.
37.59	<p>Point for the ¼ sec. cor. of secs. 14 and 15, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>No permanent monument established.</p> <p>Descend 400 ft. over N. slope.</p>
47.30	Creek, 2 lks. wide, course N. 35° W.; asc. 15 ft. over SW. slope.
48.63	Intersect the Oregon and Washington State Boundary.
	<p>Point for the closing corner of secs. 14 and 15, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked</p>

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

WASHINGTON

S 15	S 14
T 6 N	R 37 E
C C	

OREGON
1965

from which

A cottonwood, 20 ins. diam., bears S. 14° E., 150 lks. dist., mkd. T6N R37E S14 CC BT.

A fir, 18 ins. diam., bears S. 13° W., 158 lks. dist., mkd. T6N R37E S15 CC BT.

From this point the 39 Mile Post on the Oregon and Washington State Boundary, bears S. 89° 47' E., 16.13 chs. dist., determined at record bearing from two bearing objects described by Major, in 1864:

The center of a large rock outcropping, on an open SW. slope, bears N. 36° 30' E., about 20 chs. dist. (Record, about 25 chs.)

A large rock, part of a rock outcropping on an open W. slope, bears S. 46° 12' E., about 10 chs. dist. (Record, about 15 chs.)

This mile post is located on the top of a spur ridge, which slopes N. 60° W. and is 46 lks. S. of a wire fence which bears E. and W.

No permanent monument established.

From this same point the 37 Mile Post on the Oregon and Washington State Boundary, bears N. 89° 47' W., 140.75 chs. dist., determined at the corner of wire fences which bear N. and W., and verified by two bearing objects described by Major, in 1864:

A large fir tree, on an open NW. slope, bears N. 70° 36' E., about 40 chs. dist. (Record, about 55 chs. dist.)

The steeple of St. Patrick's Catholic Church in Walla Walla, Washington, bears N. 57° 49' W., about 8½ miles dist. (Record, about 8 miles dist.)

No permanent monument established.

Subdivision of Section 23,
T. 6 N., R. 37 E., Willamette Meridian, Oregon

From the $\frac{1}{4}$ sec. cor. of secs. 23 and 26.

N. 1° 50' E., on the N. and S. center line of sec. 23.

Ascend 90 ft. over SW. slope, across open land.

3.60 Wire fence, bears NW. and SE.

3.90 Pikes Peak road, 20 lks. wide, bears NW. and SE.

5.00 Wire fence, bears NW. and SE.

10.00 Ridge, bears N. 40° W. and S. 40° E.; desc. 190 ft. over NE. slope.

Subdivision of Section 23, T. 6 N., R. 37 E.

CHAINS	
27.70	Russell Creek Road, 20 lks. wide, bears N. 40° W. and S. 40° E.
29.10	Spur, slopes N. 30° W.; desc. 85 ft. over SW. slope.
30.00	Russell Creek Road, 20 lks. wide, bears NW. and SE.
32.10	Creek, 1 lk. wide, course N. 60° W.; asc. 75 ft. over NE. slope.
39.70	Wire fence, bears N. and S.
39.76	The N 1/16 sec. cor. of secs. 22 and 23.

GENERAL DESCRIPTION

Section 23, township 6 north, range 37 east, is located in mountainous terrain, in Umatilla County, Oregon, about 11 miles southeast of Walla Walla, Washington. The area is reached by graveled and dirt roads which lead into the area from paved roads branching out from the city streets of Walla Walla. One of these dirt roads, known as the Pikes Peak Road, crosses the southern part of the section and is joined by another road, known as Morman Grade, near the southeast corner. The road on Morman Grade traverses the eastern side of the section. The road up Russell Creek joins the Pikes Peak Road near the southeast corner of the section. There are other minor logging roads in the area, and access is generally good, though these roads all become impassable during wet weather, to all but 4-wheel drive vehicles.

The elevations range from about 3,000 feet above sea level, near the northwest corner up to about 4,120 feet above sea level on the ridge top along the east boundary of the section. The section is divided into three drainage systems by Pikes Peak Ridge and the Morman Grade. The northwestern portion is drained by Russell Creek, the southwestern portion by the North Fork of Cottonwood Creek and the eastern portion drains easterly to Mill Creek. These streams all flow northerly and westerly to the Walla Walla River. Water is not overly abundant.

The land is steep and mountainous, not suitable for farming, and is chiefly valuable for grazing purposes and the timber resources. The timber stands are light to heavy and consist primarily of Douglas fir, white fir, yellow pine, tamarack and alder, with some cottonwood, wild cherry and black birch noted. The undergrowth is scattering to dense and consists of young timber, dwarf maple, serviceberry, ninebark, snow brush, arrowwood, raspberry, blackberry, elderberry, sagebrush, rabbit brush, willow, vines, weeds and a wide variety of wild grasses. The undergrowth is very dense on the northern slopes while the southern slopes are usually open sagebrush lands.

Cattle are grazed over the entire area. Most of the timber has been logged in successive logging operations for over 120 years. There are no permanent residents in the section though there are several uninhabited dwellings in the southwest quarter.

The soil is a heavy clay with some clay loam in the drainages. The soil is also quite rocky and would be considered poor by almost any standard. No mineral

T. 6 N., R. 37 E., Willamette Meridian, Oregon

CHAINS

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The average of observations made over the area surveyed gives a mean magnetic declination of 20° 00' E. This varies up to 2½° due to local attraction.

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CERTIFICATE OF SURVEY

I, C. Albert White, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 21st day of April, 1965, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 23, township 6 north, range 37 east,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

December 17, 1965
(Date)

C. Albert White
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date JUN 14 1966

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and subdivision of section 23, township 6 north, range 37 east, of the Willamette Meridian, Oregon,

executed by C. Albert White, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

JUL 8 1966
(Date)

J. E. Hemmington
(Chief, Division of Engineering)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

(Date)

(Chief, Division of Engineering)