

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

CORRECTIVE DEPENDENT RESURVEY

OF A PORTION OF THE

SUBDIVISIONAL LINES,

TOWNSHIP 21 SOUTH, RANGE 8 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Aaron M. Graham, Cadastral Surveyor

Under Special Instructions dated, March 12, 2002, approved, March 12, 2002,

which provided for the surveys included under Group No. 2011,

and Assignment Instructions dated March 20, 2002

Survey commenced December 2, 2002

Survey completed February 13, 2003

T. 21 S., R. 8 W., Willamette Meridian, Oregon

F E E T

The following field notes are those of the corrective dependent resurvey of a portion of the subdivisional lines, township 21 south, range 8 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this survey is as follows.

In 1883, William P. Wright, U.S. Deputy Surveyor, surveyed the west boundary and the subdivisional lines.

In 1894, Alonzo Gesner, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines of T. 21 S., R. 9 W.

In 1945, Norman D. Price, Cadastral Engineer, and George F. Rigby, Associate Cadastral Engineer, resurveyed the west boundary and a portion of the subdivisional lines.

In 1966-67, Peter A. Petersen, Cadastral surveyor, resurveyed a portion of the west boundary.

In 1967, William W. Glenn and James E. Jelley, Cadastral Surveyors, remonumented certain original corner points without survey.

Robert Ward, Registered Land Surveyor No. 1091, informed this office that the $\frac{1}{4}$ section corner of sections 18 and 19 reestablished by Price in 1945 was erroneously positioned. A subsequent investigation confirmed his findings necessitating this corrective resurvey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 12, 2002, for Group No. 2011, Oregon.

The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the lines were derived through the use of electronic measuring equipment.

An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Measured distances and directions have been adjusted by Cadastral Measurement Management (CMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. The retracement data were thoroughly verified and only the true line field notes are given herein.

T. 21 S., R. 8 W., Willamette Meridian, Oregon

FEET

The geographic position (NAD 1927) of the corner of sections 17, 18, 19, and 20, determined by calculation, utilizing data from the plat approved August 26, 1946, is as follows:

Latitude: 43° 44' 07" N. Longitude: 123° 40' 45" W.

**Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 21 S., R. 8 W., Willamette Meridian, Oregon**

(Restoring the 1883 survey by Wright and correcting
the 1945 resurvey by Price and Rigby)

From the cor. of secs. 17, 18, 19, and 20, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd.

T 21 S	R 8 W
S 18	S 17
S 19	S 20

1945

from which bearing trees mkd. by Price and Rigby

A root hole, bears S. 36° E., 110.9 ft. dist., with a down fir, 62 ins. diam., alongside, no marks visible.

A fir, 38 ins. diam., bears N. 43° W., 114.8 ft. dist., with a healed blaze. (Record, N. 45° W.)

and bearing trees mkd. by Glenn and Jelley

A fir, 29 ins. diam., bears N. 79½° E., 54.8 ft. dist., with a healed blaze. (Record, N. 83° E.)

A maple, 28 ins. diam., bears S. 12° E., 15.2 ft. dist., with a healed blaze.

**Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 21 S., R. 8 W., Willamette Meridian, Oregon**

FEET	
	<p>A cedar, 31 ins. diam., bears S. 67° W., 56.1 ft. dist., no marks visible.</p> <p>N. 87° 45' 36" W., bet. secs. 18 and 19.</p> <p>Descend across N. slope, through heavy timber and light undergrowth.</p>
455	Big Creek 6 ft. wide, course N. 5° W., asc. over SW. slope.
470	Asphalt road, 10 ft. wide, bears N. 10° E. and S. 10° W; Asc. E. slope through moderate timber and light undergrowth.
1845	Spur, slopes S. 85° E., desc. over SW. slope.
2325	Ravine, drains S. 15° W., asc. over SE. slope.
2608.85	<p>The ¼ sec. cor. of secs. 18 and 19, reestablished by proportionate measurement by Robert B. Ward, Registered Land Surveyor No. 1091, in 2002, recorded in the Douglas County Surveyor's Office, map file No. M140-10, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 21 S R 8 W S 18 1/4 ——— S 19 2002 LS 1091</p> <p>from which bearing trees mkd. by Ward</p> <p>A fir, 21 ins. diam., bears S. 55¼° E., 13.6 ft. dist., with scribe marks 1/4 S19 BT visible on partially healed blaze.</p> <p>A fir, 22 ins. diam., bears S. 75¼° W., 15.5 ft. dist., with scribe marks 1/4 S19 BT visible on partially healed blaze.</p> <p>A fir, 23 ins. diam., bears N. 78¼° W., 40.4 ft. dist., with scribe marks 1/4 S18 BT visible on partially healed blaze.</p> <p>From this point, the ¼ sec. cor. of secs. 18 and 19, erroneously reestablished by Price and Rigby in 1945, bears N. 36° 01' 15" E., 20.07 ft. dist.; monumented with an iron pipe, 1 in. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. as described in the official record. From which the remains of the bearing trees by Price and Ribgy.</p>

**Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 21 S., R. 8 W., Willamette Meridian, Oregon**

FEET	
	<p>A decayed fir stump, size indeterminate bears N. 86½° E., 71.9 ft. dist., no marks visible.</p>
	<p>Remark the brass cap to now read AM 20.1 FT TO COR 2003 and an arrow pointing to the corner.</p> <hr style="width: 30%; margin: 10px auto;"/>
	<p>N. 87° 49' 27" W., beginning new measurement.</p>
	<p>Ascend SE. slope through medium timber and light undergrowth.</p>
120	<p>Spur, slopes S. 5° E., desc. over SW. slope.</p>
410	<p>Ravine, drains S. 50° W., asc. over SE. slope.</p>
595	<p>Spur, slopes S. 30° W., desc. over SW. slope.</p>
990	<p>Ravine, drains S. 15° E., asc. over SE. slope.</p>
1930	<p>Ridge, bears N. 40° E. and S. 20° W., desc. over NW. slope.</p>
1980	<p>Graveled road, 20 ft. wide, bears N. 10° E. and S. 10° W.</p>
2655	<p>Ravine, drains N. 30° E., asc. over NE. slope.</p>
2995	<p>Spur, slopes N. 40° E., desc. over NW. slope.</p>
3325	<p>Ravine, drains N. 40° E., asc. over SE. slope.</p>
3660	<p>Spur, slopes N. 70° E., across N. slope.</p>
3841.38	<p>The cor. of secs. 18 and 19 only, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <pre> T 21 S T 21 S R 9 W S 18 S 13 S 19 R 8 W 1945 </pre> </div> <p>from which the remains of bearing trees mkd. by Price and Rigby</p> <p style="margin-left: 40px;">A decayed fir stump, 44 ins. diam., bears N. 45¼° E., 101.7 ft. dist., no marks visible. (Record, 99.7 ft. dist.)</p> <p style="margin-left: 40px;">A decayed fir stump, size indeterminate, bears S. 66¼° E., 40.9 ft. dist., no marks visible.</p> <p>and bearing trees mkd. by Petersen in 1967</p>

**Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 21 S., R. 8 W., Willamette Meridian, Oregon**

FEET

A fir, 15 ins. diam., bears N. 79½° E., 66.0 ft. dist., with a healed blaze. (Record, N. 81° E.)

A fir, 23 ins. diam., bears S. 56¾° E., 71.9 ft. dist., with a healed blaze. (Record, S. 54° E.)

and bearing trees mkd. by Robert B. Ward, Registered Land Surveyor No. 1091, in 2002, recorded in Douglas County Surveyor's Office, map file No. M140-10.

A fir, 19 ins. diam., bears S. 24° W., 8.0 ft. dist., with scribe marks X BT visible on partially healed blaze.

A fir, 18 ins. diam., bears S. 85¼° W., 36.6 ft. dist., with scribe marks X BT visible on partially healed blaze.

GENERAL DESCRIPTION

The lands included in this survey are located approximately 8 miles northwest of the town of Elkton, Oregon. Access is gained by way of Bureau of Land Management maintained roads and numerous logging roads. Elevations range from about 600 feet above sea level to 1400 feet above sea level. These lands included herein have been used primarily for timber production.

The soil in this area consists of a thin layer of rocky clay over solid rock. When combined with a healthy annual rainfall and the precipitous nature of the terrain, passage over this land can be difficult at times. The timber in this area consists of fir, cedar, hemlock, maple, and alder, with undergrowth of huckleberry, blackberry, Oregon grape, vine maple, poison oak, various ferns, and young timber. The ruggedness of the terrain in conjunction with the vegetation types makes this area prime habitat for deer, elk, black bear, quail, ruffed grouse, and numerous other woodland creatures.

No evidence of mining activities or minerals were noted in the area during this survey. There are no residences in the immediate vicinity.

The mean magnetic declination is 18° East, as shown on the United States Geological Survey, 7½ minute quadrangle "DEVILS GRAVEYARD, OREGON," provisional edition dated 1990.