

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A

PORTION OF THE

SUBDIVISIONAL LINES,

TOWNSHIP 30 SOUTH, RANGE 3 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Timothy J. Moore, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated May 2, 2000, approved May 2, 2000,
which provided for the surveys included under Group No. 1952,
and assignment instructions dated May 25, 2000.

Survey commenced June 8, 2000

Survey completed June 28, 2000

T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, township 30 south, range 3 west, of the Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this resurvey is as follows.</p> <p>A portion of the subdivisional lines were surveyed by Dennis Hathorn, U.S. Deputy Surveyor, in 1857.</p> <p>The remainder of the subdivisional lines were completed by William Bushy, U.S. Deputy Surveyor, in 1893.</p> <p>A portion of the west boundary and subdivisional lines was resurveyed, and section 7 subdivided by John M. Jelley, Cadastral Surveyor, in 1965.</p> <p>A portion of the west boundary and subdivisional lines was resurveyed and section 19 subdivided, by Wayne L. Rogers, Lance J. Bishop, and James L. White, Cadastral Surveyors, in 1983-84.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated May 2, 2000, for Group No. 1952, Oregon.</p> <p>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. Measured distance and direction have been adjusted by Cadastral Measurement Management for Windows (WinCMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot. The Standard Error of Unit Weight (SEUW) for a least squares adjustment of the survey data was checked to assure a value between 0.7 and 2.5. In addition, a post-adjustment comparison of the final adjusted measurements was also checked to assure a ratio not exceeding 1:4000. The comparison was done in the CHECKER routine of CMM, and is reported as the Precision After Orientation Correction.</p> <p>Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.</p>
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T. 30 S., R. 3 W., Willamette Meridian, Oregon

FEET

Each new bearing tree has a 2½ inch X ¼ inch magnetic nail (Mag Nail) driven at the base on right side-center, unless otherwise described in the corner description.

The geographic position (NAD 1983 (91)) of the 1/4 sec. cor. of secs. 17 and 18, as determined by a tie to U.S. Geological Survey triangulation station "BLAND MTN. 1953", is as follows:

Latitude: 42° 58' 02.93" N. Longitude: 123° 06' 03.33" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

(Restoring the survey by Dennis Hathorn in 1857
and the survey by William Bushy in 1893)

Beginning at the cor. of secs. 17, 18, 19, and 20, monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 4 ins. above the ground, (alongside of which is an iron pipe, 1 in. diam., firmly set, projecting 11 ins. above ground) with brass cap mkd.

County Surveyors Office

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T 30 S R 3 W
  S 18 | S 17
      |
  S 19 | S 20
      |
      1976

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from which the remains of original bearing trees

A maple, 20 ins. diam., bears N. 18° E., 43.6 ft. dist., with a healed blaze.

A sawed burned and decayed fir stump, 37 ins. diam., bears S. 78° W., 44.9 ft. dist., with a healed blaze.

and a bearing tree mkd. by Wenderoth

A cedar, 34 ins. diam., bears S. 31° E., 42.2 ft. dist., with a healed blaze.

and the remains of a bearing tree mkd. by Byron

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>A sawed fir stump, 28 ins. diam., bears S. 43° W., 80.5 ft. dist., with a healed blaze.</p> <p>and the remains of a bearing tree mkd. by Monrean</p> <p>A decayed fir snag, 49 ins. diam., bears N. 46° E., 47.5 ft. dist., with a healed double blaze.</p> <p>and a new bearing tree</p> <p>A fir, 10 ins. diam., bears S. 70½° E., 78.6 ft. dist., mkd. T30S R3W S20 BT.</p> <p>There are no suitable trees within limits in sec. 17.</p> <p>N. 0° 09' 24" W., bet. secs. 17 and 18.</p> <p>Descend over NE. slope, through second growth timber and dense undergrowth.</p>
85	Creek, 1 ft. wide, course S. 30° E.; asc. over SE. slope.
2608.60	<p>The 1/4 sec. cor. of secs. 17 and 18, reestablished by George J. Wenderoth, Registered Professional Land Surveyor, No. 5, in 1950, recorded in the Douglas County Surveyors Office, Map File No. M7-56A, recovered and perpetuated by James W. Byron, Deputy County Surveyor, in 1963, further perpetuated by John H. Markham, Jr., Registered Professional Land Surveyor, No. 1261, in 1989, recorded in the Douglas County Surveyors Office, Map File No. M101-53, all recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 3 W., No. 200440. This point was reestablished from the correct control, was utilized for the subdivision of section 18, has been relied upon for over 50 years, and is accepted as the corner. Monumented with an iron pipe, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1261 1/4 T 30 S S 18 S 17 R 3 W 1989</p> <p>from which bearing trees mkd. by Markham</p> <p>A fir, 18 ins. diam., bears N. 63½° E., 27.2 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 12 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ W., 18.9 ft. dist., with a healed blaze.</p> <p>From this point, Wenderoth's iron pipe, 1 in. diam., disturbed and badly bent, bears South, 0.65 ft. dist.</p> <p>From this same point, U.S. Geological Survey triangulation station BLAND MTN, bears N. $83^{\circ} 05' 50''$ W, 4920.35 ft. dist. (mean bearing and sea level distance), monumented with a bronze disk, cemented flush in solid rock, with top mkd. "BLAND MTN 1953" and a triangle.</p> <p>Corner is located N. 5° E., 17.0 ft. dist., from a cor. of barbed wire fences extending south and west.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. $1^{\circ} 02' 44''$ W., beginning a new measurement.</p> <p>Ascend over SE. slope, through second growth timber and dense undergrowth.</p>
175	Graveled road, 12 lks. wide, bears S. 86° E. and west, also top of ridge, bears the same, descend over NE. slope.
307.31	<p>The original line tree, a decayed fir stump, 28 ins. diam., with illegible reverse scribing visible, perpetuated by George J. Wenderoth, Registered Professional Land Surveyor, No. 5, in 1950, recorded in the Douglas County Surveyors Office, Map File No. M7-56A, further perpetuated by James W Byron, Deputy County Surveyor in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 3 W., No. 200445. This now becomes an Angle Point, from which the remains of the original bearing trees.</p> <p style="padding-left: 40px;">A decayed fir stump, 28 ins. diam., bears S. $26\frac{3}{4}^{\circ}$ E., 12.5 ft. dist., with scribe marks T30S R3W S17 visible on partially opened blaze. (Record, N. 40° E.)</p> <p style="padding-left: 40px;">A decayed fir stump, 37 ins. diam., bears S. $12\frac{1}{4}^{\circ}$ W., 27.6 ft. dist., with scribe marks T30SR3WS18 visible on partially opened blaze. (Record, S. 30° W.)</p> <p>and accessories mkd. by Byron</p> <p style="padding-left: 40px;">An iron pipe, $1\frac{1}{4}$ ins. diam., firmly set projecting 16 ins. above the ground for a reference monument, bears S. $1^{\circ} 09' 22''$ W., 2.27 ft. dist., with brass cap mkd. COUNTY SURVEYORS OFFICE T30S S18 S17 R3W WIT COR 1963.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

FEET	
	<p>A decayed fir snag, 7 ins. diam., bears S. $24\frac{3}{4}^{\circ}$ E., 5.9 ft. dist., with no marks visible.</p> <p>A fir, 9 ins. diam., bears N. $83\frac{1}{2}^{\circ}$ W., 19.1 ft. dist., with a healed double blaze.</p> <p>At the corner point.</p> <p>Set a finned aluminum rod, $\frac{3}{4}$ ins. diam., 92 ins. in the ground, through the center of sawed off remains of the decayed line tree, with aluminum cap mkd.</p> <p style="text-align: center;">T 30 S R 3 W AP S 18 S 17 2000</p> <hr style="width: 20%; margin: auto;"/> <p>N. $0^{\circ} 25' 32''$ W., beginning new measurement.</p> <p>Descend over broken NE. slope, through second growth timber and dense undergrowth.</p>
840	Graveled road, 15 ft. wide, bears N. 40° W. and S. 5° E.
1270	Graveled road, 15 lks. wide, bears East and N. 75° W.
2352.35	<p>The cor. of secs. 7, 8, 17, and 18, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 5 ins. above ground, (the original stone, 12 X 12 X 8, firmly set alongside, no marks visible) with brass cap mkd.</p> <p style="text-align: center;">T 30 S R 3 W S 7 S 8 S 18 S 17 1965</p> <p>from which the remaining original bearing tree</p> <p>A fir, 38 ins. diam., bears S. $33\frac{1}{2}^{\circ}$ E., 27.7 ft. dist., with a healed blaze.</p> <p>and bearing trees mkd. by Jelley</p> <p>A fir, 24 ins. diam., bears N. 1° E., 57.1 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 S., R. 3 W., Willamette Meridian, Oregon**

FEET	<p>A madrone, 7 ins. diam., bears S. 40° W., 22.1 ft. dist., with a healed blaze.</p> <p>A fir, 13 ins. diam., bears S. 68½° E., 18.3 ft. dist., with a healed blaze. (Record, N. 47½° W., 17.8 ft. dist.)</p> <hr/> <p style="text-align: center;">General Description</p> <p>The lands in the foregoing field notes are located in mountainous country approximately 2 miles easterly of Days Creek, Oregon. The elevations range from approximately 1380 feet above sea level near the corner of secs. 17, 18, 19, and 20, to about 2180 feet above sea level near the 1/4 section corner of sections 17 and 18.</p> <p>The area is drained by the South Umpqua river, with numerous other small and seasonal drainages throughout. The timber consists of fir, cedar, hemlock, alder, maple, oak, chinquapin, pine, ash, yew, and madrone. The undergrowth is mainly salal, Oregon grape, manzanita, arrowwood, poison oak, vine maple, ferns, and young timber.</p> <p>Access is gained via Interstate Route 5 and County Route No. 1, with other graveled and dirt roads branching from them into the area.</p> <p>No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber production.</p> <p>The mean magnetic declination, as noted from the U.S. Geological Survey 7½ minute series quadrangle map "MILO, OREG.", 1986 provisional edition, is 18½° East.</p>
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