

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY

TOWNSHIP 31 SOUTH, RANGE 6 WEST,

AND

A PORTION OF THE SUBDIVISIONAL LINES,

AND THE SUBDIVISION OF SECTION 18,

TOWNSHIP 31 SOUTH, RANGE 5 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

Daniel E. Weller, Cadastral Surveyor

Under Special Instructions dated June 3, 1998, approved June 4, 1998,

which provided for the surveys included under Group No. 1884,

and assignment instructions dated July 20, 1998.

Survey commenced July 22, 1998

Survey completed September 3, 1998

T. 31 S., R. 5 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary, township 31 south, range 6 west, and a portion of the subdivisional lines, and the subdivision of section 18, township 31 south, range 5 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as follows:

In 1854, George W. Hyde, U.S. Deputy Surveyor, surveyed the east, west, and south boundaries of the township.

In 1854, Nathaniel Ford, U.S. Deputy Surveyor, surveyed the north boundary of the township.

In 1878, William P. Wright, U.S. Deputy Surveyor, resurveyed a portion of the north and west boundaries and surveyed a portion the subdivisional lines.

In 1882, William H. Byars, U.S. Deputy Surveyor, completed the survey of the subdivisional lines.

In 1966-68, John M. Jelley, Lynn M. Roseberry, and Floyd A. Brooks, Cadastral Surveyors, resurveyed a portion of the north boundary and subdivisional lines, and subdivided section 8.

In 1980-81, James E. Jelley and Wayne L. Rodgers, Cadastral Surveyors, resurveyed a portion of the north boundary and subdivisional lines, and subdivided section 1, T. 31 S., R. 6 W.

In 1990, Wayne L. Rodgers, Cadastral Surveyors, resurveyed a portion of the north boundary of T. 31 S., R. 6 W.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated June 3, 1998, for Group No. 1884, 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 distance and direction have been adjusted by the Cadastral Measurement Management (CMM), computer software that incorporates least squares analysis. The adjusted bearings and distances are reported to the nearest second and 0.001 of a chain.

T. 31 S., R. 5 W., Willamette Meridian, Oregon

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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. 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.

The geographic position (NAD 1983 (91)) of the $\frac{1}{4}$ section corner of section 1 only, township 31 south, range 6 west, as determined from a tie to Geodetic Control Station No. EC 41277, established by the Oregon State Office, Bureau of Land Management, in 1998, is as follows:

Latitude: 42° 54' 17.70" N. Longitude: 123° 20' 50.21" W.

The mean magnetic declination is 18½° East.

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

(Restoring the surveys by George W. Hyde in 1854,
and the resurvey by William P. Wright in 1878)

Memorandum

The 1878 resurvey of the north two miles of the west boundary by Wright did not recover the original Hyde corners which have subsequently been recovered. This creates a double set of corners along the line which is not evident in the official field note record. Wright's survey actually created hiatus/overlap situations along the boundary, however, the original Hyde corners will control the line because only section 12 in T. 31 S., R. 6 W. is patented. The Wright corners were treated as junior corners and moved onto the senior line.

Beginning at the corner of secs. 13, 18, 19, and 24, perpetuated by Victor S. King, Registered Land Surveyor No. 442, in 1959, recorded in Douglas County Corner Renewal File 42/425, further perpetuated by John M. Powell, County Surveying Technician, in 1966, recorded in Douglas County Corner Renewal File 54/25, and further perpetuated by Bruce A. Shaner, Registered Land Surveyor No. 430, in 1993, recorded in Douglas County Corner Renewal File 63/153; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	COUNTY SURVEYOR OFFICE T 31 S R 5 W S 13 S 18 S 24 S 19 R6W 1966
	from which the remains of an original bearing tree:
	An oak, 12 ins. diam., bears N. 45° E., 40 lks. dist., with rotted blaze. (Record, N. 43° E.)
	and the remains of bearing trees mkd. by King
	A fir, 10 ins. diam., bears N. 44° E., 45 lks. dist., with a healed blaze.
	An oak, 13 ins. diam., bears S. 64° E., 54½ lks. dist., with a healed blaze.
	An oak stump, 10 ins. diam., bears S. 43 3/4° W., 20½ lks. dist., with illegible scribe marks visible on partially healed blaze.
	and the remains of a bearing tree mkd. by Powell and an accessory set by King, moved and reset by Powell
	An oak snag, 10 ins. diam., bears N. 4° E., 38 lks. dist., with scribe marks T31S R6W S BT visible on partially healed blaze.
	An iron pipe, 1½ ins. diam., firmly set, projecting 12 ins. above ground, bears N. 43° E., 3 lks. dist.
	and a bearing tree mkd. by Shaner
	An oak, 10 ins. diam., bears N. 37 3/4° W., 73½ lks. dist., with scribe marks T31S R6W S13 BT visible on partially healed blaze.
	N. 0° 06' 05" W., on the E. bdy. of sec. 13, T. 31 S., R. 6 W. Ascend SW. slope, through medium timber and undergrowth.
28.60	Spur, slopes S. 60° E., desc. over NE. slope.

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
40.432	<p>Point for the $\frac{1}{4}$ sec. cor. of sec. 13 only, T. 31 S., R. 6 W., at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground, and brass cap mkd.</p> <p style="text-align: center;">T 31 S R 6 W R 5 W 1/4 S 13 1998</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears S. $17\frac{1}{2}^{\circ}$ W., 28 lks. dist., mkd. 1/4 S13 BT.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. $54\frac{1}{4}^{\circ}$ W., $61\frac{1}{2}$ lks. dist., mkd. 1/4 S13 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Continue descent.</p>
42.651	Ravine, drains N. 80° E., asc. over SE. slope.
43.376	<p>Point for the $\frac{1}{4}$ sec. cor. of sec. 18 only, at midpoint latitudinally bet. the cor. of secs. 13, 18, 19 and 24, and the cor. of secs. 7, 12, 13 and 18 established by Wright, and on the true W. bdy. of sec. 18 T. 31 S., R. 5 W.</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, and brass cap mkd.</p> <p style="text-align: center;">T 31 S R 6 W R 5 W 1/4 S 18 1998</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N. $54\frac{1}{4}^{\circ}$ E., 24 lks. dist., mkd. 1/4 S18 BT.</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 13° E., 52 lks. dist., mkd. 1/4 S18 BT.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Continue ascent over SE. slope.</p>
67.05	<p>Spur, slopes N. 60° E., desc. over steep N. slope.</p>
71.35	<p>Graveled road, 15 lks. wide, bears N. 70° W. and S. 70° E.</p>
80.864	<p>The cor. of secs. 12 and 13 only, T. 31 S., R. 6 W., perpetuated by Gregory D. Lang, Registered Land Surveyor No. 2295, in 1998, recorded in Douglas County Survey Map M-128-18, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 9 ins. above ground, with plastic cap mkd. LANG SURVEYING, from which the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A roothole, bears N. 64° E., 30 lks. dist.</p> <p style="padding-left: 40px;">A rotted fir stump, 26 ins. diam., bears S. 48° W., 26 lks. dist., with no marks visible.</p> <p>and bearing trees mkd. by Lang</p> <p style="padding-left: 40px;">A hemlock, 9 ins. diam., bears N. 4¼° E., 11½ lks. dist., with scribe marks T31S R5W S18 BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A hemlock, 16 ins. diam., bears S. 55½° E., 16 lks. dist., with scribe marks T31S R5W S18 BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears S. 79¼° W., 47 lks. dist., with scribe marks T31S R5W S13 BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A hemlock, 12 ins. diam., bears N. 45° W., 33½ lks. dist., with scribe marks T31S R5W S12 BT visible on partially healed double blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground, with metal fence post alongside, supported in a mound of stone, 2 ft. base, to top, and brass cap mkd.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	T 31 S R 6 W R 5 W S 12 S 18 S 13 1998
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post and remove the iron rod.</p> <p>From this point, a fir stump, 32 ins. diam., reported by Lang as a line tree, bears South, 0.925 chs. dist., with no marks visible. Lang also did not find any marks, so this point is not utilized in this survey.</p>
	<p>N. 0° 23' 09" E., on the E. bdy. of sec. 12, T. 31 S., R. 6 W.</p> <p>Descend steep NE. slope, through heavy timber and medium undergrowth.</p>
5.844	True point for the cor. of secs. 7 and 18 only, T. 31 S., R. 5 W., hereinafter described.
8.20	Dirt road, 15 lks. wide, bears N. 50° W. and S. 50° E.
13.10	Mitchell Creek, 5 lks. wide, course N. 40° W., slope changes to NW.
29.40	Dirt road, 15 lks. wide, bears N. 50° E. and N. 50° W., in a curve.
29.60	Mitchell Creek, 5 lks. wide, course N. 15° E., slope changes to NE.
40.003	The ¼ sec. cor. of sec. 12 only, T. 31 S., R. 6 W., perpetuated by James W. Byron, Douglas County Surveyor, in 1966, recorded in Douglas County Corner Renewal File 54/25, recovered by Gregory D. Lang, Registered Land Surveyor No. 2295, in 1998, recorded in Douglas County Survey Map M-128-18; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE R T31S R 1/4 6 5 W S12 1966

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	<p>from which the remains of a bearing tree mkd. by Byron</p> <p style="padding-left: 40px;">A fir stump, 30 ins. diam., bears S. 29° W., 100½ lks. dist., with a healed blaze.</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 19 3/4° W., 16½ lks. dist., mkd. 1/4 S12 BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N. 24½° W., 57½ lks. dist., mkd. 1/4 S12 BT.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>N. 0° 42' 06" E., beginning new measurement.</p> <p>Ascend SE. slope, along W. edge of timber.</p>
4.095	<p>Point for the ¼ sec. cor. of sec. 7 only, at midpoint latitudinally bet. the cor. of secs. 7, 12, 13 and 18, and the cor. of secs. 1, 6, 7 and 12 established by Wright, and on the true W. bdy. of sec. 7, T. 31 S., R. 5 W.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and brass cap mkd.</p> <p style="text-align: center;">T 31 S R 6 W R 5 W 1/4 S 7 1998</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears N. 38° E., 33½ lks. dist., mkd. 1/4 S7 BT.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 49½° E., 37 lks. dist., mkd. 1/4 S7 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The corner is located 55 lks. east of dirt skid road, 18 lks. wide, bears N. and S.</p> <p>Descend broken NE. slope.</p>
14.40	<p>Spur, slopes N. 25° E., desc. over NW. slope.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
21.176	<p>An original line tree, a fir, 42 ins. diam., mkd. with two notches on N. and S. side, perpetuated by Gregory D. Lang, Registered Land Surveyor No. 2295, in 1998, recorded in Douglas County Survey Map M-128-18. This now becomes an Angle Point, from which a reference monument and bearing trees by Lang:</p> <p style="padding-left: 40px;">An iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, bears N 0° 52' E., 7½ lks. dist., with plastic cap mkd. LANG SURVEYING.</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 30¼° E., 34½ lks. dist., with scribe marks LT S7 T31S R5W BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 59½° E., 57 lks. dist., with scribe marks LT S7 T31S R5W BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 77¼° W., 32½ lks. dist., with scribe marks LT S12 T31S R6W BT visible on partially healed double blaze.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>N. 0° 56' 25" E., beginning new measurement.</p> <p>Continue ascent, along W. edge of timber.</p>
11.90	<p>Spur, slopes E., desc. over steep NE. slope, enter timber.</p>
19.167	<p>The cor. of secs. 1 and 12 only, T. 31 S., R. 6 W., determined at proportionate measurement by Gregory D. Lang, Registered Land Surveyor No. 2295, in 1998, recorded in Douglas County Survey Map M-128-18. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an X chiseled into side of exposed rock outcrop, with a steel fence post alongside, from which bearing trees mkd. by Lang:</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears N. 68 3/4° E., 72½ lks. dist., with scribe marks S7 T31S R5W BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 38¼° E., 78½ lks. dist., with scribe marks S7 T31S R5W BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 63 3/4° W., 47½ lks. dist., with scribe marks S12 T31S R6W BT visible on partially healed double blaze.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 38 ins. diam., bears N. 26 3/4° W., 108 lks. dist., with scribe marks S1 T31S R6W BT visible on partially healed blaze.</p> <p>At the corner point</p> <p>Set a brass tablet, 3¼ ins. diam., 3½ ins. stem, cemented in drill hole, with top mkd.</p> <p style="text-align: center;">T 31 S R 6 W R 5 W S 1 S 7 S 12 1998</p>
	<p>N. 0° 54' 02" E., on the E. bdy. of sec. 1, T. 31 S., R. 6 W.</p> <p>Descend Steep NE. slope, through heavy timber and undergrowth.</p>
1.959	True point for the cor. of secs. 6 and 7 only, T. 31 S., R. 5 W., hereinafter described.
2.20	Ravine, drains N. 80° E., asc. over SE. slope.
17.587	<p>An original line tree, a fir snag, 34 ins. diam., with five notches on N. and two notches S. side, recovered by Douglas County Surveyor, in 1979, recorded in Douglas County Survey Map RM-3-26, perpetuated by Douglas County Surveyors Office, in 1997, recorded in Douglas County Corner Renewal File 64/74-7. This now becomes an Angle Point, from which a reference monument and bearing trees by Douglas County Surveyors Office:</p> <p style="padding-left: 40px;">An iron pipe, 1½ ins. diam., firmly set, projecting 4 ins. above ground, bears south, 7½ lks. dist., with brass cap mkd. DOUGLAS COUNTY SURVEYORS OFFICE B01 SLT BEARS NORTH 5 FT 1997.</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears N. 33° E., 38 lks. dist., with scribe marks SLT S6 CS BT visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 20° W., 46 lks. dist., with scribe marks SLT S1 CS BT visible on partially healed double blaze.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 10 ins. diam., bears S. 57° W., 22 lks. dist., with scribe marks SLT S1 CS BT visible on partially healed double blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 1° 06' 35" E., beginning new measurement.</p> <p>Continue ascent.</p>
20.00	<p>Spur, slopes N. 55° E., desc. over NW. slope, enter logged timber.</p>
22.539	<p>The ¼ sec. cor. of sec. 1 only, T. 31 S., R. 6 W., perpetuated by Douglas County Surveyors Office, in 1997, recorded in Douglas County Corner Renewal File 64/71-11; monumented with an iron rod, 5/8 in. diam., firmly set in the center of the original corner tree, (burnt fir snag, 11 ins. diam., 24 ins. high, no marks visible) with aluminum cap mkd.</p> <p style="text-align: center;">DOUGLAS CO</p> <p style="text-align: center;">1/4 1997</p> <p>from which the remains of an original bearing tree:</p> <p style="padding-left: 40px;">A burnt fir stump, 28 ins. diam., bears S. 87° W., 8 lks. dist., with rotted face.</p> <p>and the remains of bearing trees and a reference monument established by Gary Langlitz, Deputy County Surveyor, in 1979 and recorded in Douglas County Survey map RM-3-26.</p> <p style="padding-left: 40px;">A burnt fir stump, 17 ins. diam., bears N. 40¼° E., 13 lks. dist., with burned out blaze and metal cover. (Record, N. 36° E.)</p> <p style="padding-left: 40px;">A burnt fir stump, 16 ins. diam., bears S. 34° E., 42½ lks. dist., with burned out blaze and metal cover.</p> <p style="padding-left: 40px;">An iron post, 1½ ins. diam., firmly set, flush with surface of ground, bears S. 2° E., 7½ lks. dist., with brass cap mkd. DOUGLAS COUNTY SURVEYOR T31S R6W WC 1/4 S1 S6 ONLY 1979.</p> <p style="padding-left: 40px;">A burnt fir stump, 25 ins. diam., bears S. 17½° W., 66½ lks. dist., with burned out blaze and metal cover.</p> <p>From this point, the Bureau of Land Management Control Station No. EC 41277, at Latitude 42° 54' 25.494" N. and Longitude 123° 21' 01.909" W. determined by the NAVSTAR Global Positioning System in 1998, bears N. 47° 48' 57" W., 17.800 chs. dist. (mean</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS																
	<p>bearing and sea level distance); monumented with an aluminum rod, 36 ins. long, 3/4 in. diam., firmly set, flush with surface of ground, with fiberglass post alongside and aluminum cap mkd. EC 41277 GPS 1998 and a triangle.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 21' 37" W., beginning new measurement.</p>															
1.072	<p>Point for the ¼ sec. cor. of sec. 6 only, T. 31 S., R. 5 W., determined at a cardinal offset from Wright's corner onto the senior line.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, and brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: 0 auto;"> <tr> <td></td> <td style="text-align: center;">T 31 S</td> <td></td> </tr> <tr> <td style="text-align: center;">R 6 W</td> <td style="border-left: 1px solid black; border-right: 1px solid black; text-align: center;"> </td> <td style="text-align: center;">R 5 W</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; border-right: 1px solid black; text-align: center;"> </td> <td style="text-align: center;">1/4</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; border-right: 1px solid black; text-align: center;"> </td> <td style="text-align: center;">S 6</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; border-right: 1px solid black; text-align: center;"> </td> <td style="text-align: center;">1998</td> </tr> </table> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>There were no suitable accessories available within limits.</p> <p>From this point, the ¼ sec. cor. of secs. 1 and 6, established by Wright, recovered by Jelly and Rodgers, in 1980, perpetuated by Douglas County Surveyors Office, in 1997, using tie given by Jelly and Rodgers, recorded in Douglas County Corner Renewal File 64/71-12, bears West, 0.376 chs. dist.; monumented with an iron pipe, 1¼ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. DOUGLAS COUNTY SURVEY OFFICE T31S R6W R5W S1 1/4 S6 ONLY 1997, from which bearing trees mkd. by Douglas County Surveyors Office, in 1997:</p> <p style="margin-left: 40px;">A burnt fir stump, 22 ins. diam., bears N. 69° E., 21½ lks. dist., with no marks visible and boat spike driven near top center.</p> <p style="margin-left: 40px;">A burnt fir stump, 24 ins. diam., bears N. 47½° W., 21 lks. dist., with no marks visible and boat spike driven near top center.</p> <p>Remark the brass cap to read AM 24.8 FT TO COR 1998 and an arrow pointing to the corner.</p> <p>Continue descent.</p>		T 31 S		R 6 W		R 5 W			1/4			S 6			1998
	T 31 S															
R 6 W		R 5 W														
		1/4														
		S 6														
		1998														

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS	
6.984	<p>The remains of an original line tree, a badly burnt fir stump, 40 ins. diam., with no marks visible, recovered by Douglas County Surveyor, in 1979, recorded in Douglas County Survey Map RM-3-26. This now becomes an Angle Point.</p> <p>At the corner point</p> <p>Set a boat spike, 8 ins. long, in top center of stump.</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. 5° E., 106 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 in the ground for a reference monument, bears N. 52 3/4° W., 6.2 lks. dist., with brass cap mkd. RM S1 4.1 FT TO COR 1998 and an arrow pointing to the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 15' 21" W., beginning new measurement.</p> <p>Continue descent.</p>
2.05	Dirt road, 15 lks. wide, bears N. 85° E. and N. 70° W., in a curve.
11.55	Ravine, drains N. 10° W., continue desc. over NW. slope.
33.118	<p>The cor. of Tps. 30 and 31 S., Rs. 5 and 6 W., monumented with an iron post, 1¼ ins. diam., firmly set, projecting 10 ins. above ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">DOUGLAS COUNTY SURVEYOR T 30 S R S 36 S 31 R 6 5 W S 1 S 6 W T 31 S 1979</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A madrone, 23 ins. diam., bears S. 75° E., 51 lks. dist., center of tree is burned out, no marks visible.</p> <p style="padding-left: 40px;">A madrone, 20 ins. diam., bears N. 36° W., 75 lks. dist., center of tree is burned out, no marks visible.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 31 S., R. 6 W., Willamette Meridian, Oregon**

CHAINS

and bearing trees mkd. by Gary Langlitz, Deputy County Surveyor, in 1979, recorded in Douglas County Corner Renewal No. 61/3

A fir, 28 ins. diam., bears S. 51° E., 48 lks. dist., with a healed blaze.

A fir, 21 ins. diam., bears S. 70° W., 93 lks. dist., with a healed blaze.

A fir, 22 ins. diam., bears N. 49° W., 101 lks. dist., with a healed blaze. (Record, 100 lks.)

A maple, 11 ins. diam., bears N. 47° W., 21 lks. dist., with a healed blaze. (Record, N. 45° W.)

and a bearing tree mkd. by Rodgers in 1990

A fir, 16 ins. diam., bears N. 52° E., 67 lks. dist., with a healed blaze.

From this point, a point erroneously reestablished as the cor. of Tps. 30 and 31 S., Rs. 5 and 6 W., by George L. Wenderoth, in 1946, recorded in Douglas County Survey Map M-20-24, bears N. 46° 30' 00" W., 1.155 chs. dist., monumented with an iron pipe, 3/4 ins. diam., firmly set, projecting 6 ins. above ground.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

(Restoring the surveys by William P. Wright in 1878,
and William H. Byars in 1882,
and the resurvey by John M. Jelley,
Lynn M. Roseberry, and Floyd A. Brooks in 1966-68)

From the ¼ sec. cor. of secs. 7 and 18, monumented with an iron post, 2½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T 31 S R 5 W
S 7
1/4
S 18
1966

from which the bearing trees mkd. by Jelley, Roseberry, and Brooks

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A chinquapin, 18 ins. diam., bears S. 21° W., 200½ lks. dist., with a healed blaze. (Record, 202 lks.)</p> <p>A fir, 21 ins. diam., bears N. 34° W., 169 lks. dist., with a healed blaze.</p> <p>N. 87° 43' 54" W., bet. secs. 7 and 18.</p> <p>Ascend NE. slope, through heavy timber and undergrowth.</p>
4.25	Spur, slopes N. 15° W., desc. over broken NW. slope.
36.80	Ravine, drains N. 15° W., asc. over NE. slope.
38.842	<p>Intersect the E. bdy. of sec. 12, T. 31 S., R. 6 W., true point for the cor. of secs. 7 and 18 only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, and brass cap mkd.</p> <div style="text-align: center;"> <pre> T 31 S R 6 W R 5 W S 7 ----- S 18 1998 </pre> </div> <p>from which</p> <p>A fir, 9 ins. diam., bears N. 83½° E., 68 lks. dist., mkd. T31S R5W S7 BT.</p> <p>A fir, 11 ins. diam., bears S. 38° W., 9 lks. dist., mkd. X BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The cor. of secs. 7, 12, 13, and 18, established by Wright, bears N. 87° 43' 54" W., 1.093 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above ground, in a collar of stone, with brass cap mkd. T31S R6W R5W S12 S7 S13 S18 1966, from which the remains of an original bearing tree:</p> <p>A fir, 61 ins. diam., bears N. 60° E., 40 lks. dist., with scribe marks T31S BT visible on opened blaze.</p> <p>and the remains of bearing trees mkd. by Jelley, Roseberry, and Brooks</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	<p>A fir, 28 ins. diam., bears S. $28\frac{1}{4}^{\circ}$ E., 87$\frac{1}{2}$ lks. dist., with a healed blaze. (Record, S. 25° E.)</p> <p>A burnt fir stump, 29 ins. diam., bears S. $54\frac{1}{2}^{\circ}$ W., 164 lks. dist., with a healed blaze. (Record, S. $53\frac{1}{2}^{\circ}$ W.)</p> <p>A fir, 28 ins. diam., bears N. 7° W., 75 lks. dist., with a healed blaze.</p> <p>Remark the brass cap to read AM 72.15 FT TO COR 1998 and an arrow pointing to the corner.</p> <hr/> <p>From the cor. of secs. 5, 6, 7, and 8, monumented with the remains of the original corner tree, a fir snag, 34 ins. diam., with healed blaze on SE. and SW. sides, from which the remains of the original bearing trees:</p> <p>A fir, 22 ins. diam., bears N. 30° E., 3 lks. dist., with a healed blaze.</p> <p>A pine, 26 ins. diam., bears S. $72\frac{1}{4}^{\circ}$ E., 22 lks. dist., with a healed blaze. (Record, S. 75° E., 24 lks.)</p> <p>A cedar stump, 40 ins. diam., bears S. 22° E., 46 lks. dist., with no marks visible on opened blaze.</p> <p>A fir snag, 19 ins. diam., bears N. 10° W., 4 lks. dist., with a healed blaze.</p> <p>and bearing trees mkd. by Gary Langlitz, Deputy County Surveyor, in 1975, recorded in Douglas County Corner Renewal No. 57/39</p> <p>A cedar, 17 ins. diam., bears N. 54° E., 70 lks. dist., with scribe marks 31 R5 5CB visible on partially healed blaze.</p> <p>A fir, 20 ins. diam., bears N. $15\frac{1}{4}^{\circ}$ W., 80 lks. dist., with a healed double blaze.</p> <p>and a new accessory</p> <p>A stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., set 21 ins. in the ground for a reference monument, bears S. 40° E., 5.6 lks. dist., with brass cap mkd. RM 3.7 FT TO COR 1998 and an arrow pointing to the cor.</p> <p>S. $88^{\circ} 13' 08''$ W., bet. secs. 6 and 7.</p> <p>Descend NW. slope, through medium timber and undergrowth.</p>
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**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
0.70	Dirt road, 15 lks. wide, bears N. 40° W. and S. 40° E.
34.80	Dirt road, 15 lks. wide, bears N. 5° W. and S. 5° E; asc. NE. slope.
37.079	<p>Point for the ¼ sec. cor. of secs. 6 and 7, at proportionate distance. There is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, and brass cap mkd.</p> <p style="text-align: center;">T 31 S R 5 W S 6 1/4 S 7 1998</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 57½° E., 46 lks. dist., mkd. 1/4 S6 BT.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears S. 30 3/4° E., 50½ lks. dist., mkd. X BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
37.60	Spur, slopes N. 30° E., desc. over NW. slope.
73.852	<p>The cor. of secs. 1, 6, 7, and 12, established by Wright, perpetuated by John M. Powell, County Surveying Technician, in 1966, recorded in Douglas County Corner Renewal File 54/31, and further recovered by Larry Monrean, Deputy County Surveyor, in 1978, recorded in Douglas County Corner Renewal File 60/11, monumented with an iron pipe, 1¼ ins. diam., loosely set, projecting 10 ins. above a mound of stone, 2½ ft. base, 2 ft. high, with brass cap mkd. COUNTY SURVEYORS OFFICE T31S R6W S1 S6 R5W S12 S7 1966, from which the remains of the original Wright bearing trees:</p> <p style="padding-left: 40px;">A root hole, bears North, 10 lks. dist.</p> <p style="padding-left: 40px;">A fir, 31 ins. diam., bears S. 4° E., 18 lks. dist., with no marks visible on opened blaze.</p> <p style="padding-left: 40px;">A root hole, bears S. 78° W., 12 lks. dist.</p> <p>and bearing trees mkd. by Powell</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	<p>A maple, 14 ins. diam., bears N. 8° E., 45½ lks. dist., with a healed blaze.</p> <p>A maple, 16 ins. diam., bears S. 84° W., 54½ lks. dist., with a healed blaze.</p> <p>A maple, 14 ins. diam., bears N. 58° W., 73 lks. dist., with a healed blaze.</p> <p>Remark the brass cap to read AM 16.60 FT TO COR 1998 and an arrow pointing to the corner.</p>
74.103	<p>Intersect the E. bdy. of sec. 1, T. 31 S., R. 6 W., and true point for the cor. of secs. 6 and 7 only.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, and brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <pre> T 31 S R 6 W R 5 W S 6 S 7 1998 </pre> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>There were no suitable accessories available within limits.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Subdivision of Section 18, T. 31 S., R. 5 W., Willamette Meridian, Oregon</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the ¼ sec. cor. of secs. 17 and 18, monumented with an iron post, 2½ ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <pre> T 31 S R 5 W 1/4 S 18 S 17 1966 </pre> </div> <p>from which the remains of the bearing trees mkd. by Jelley, Roseberry, and Brooks</p> <p>A fir stump, 28 ins. diam., bears N. 83¼° E., 37½ lks. dist., with a healed blaze. (Record, N. 80° E., 39 lks.)</p>

**Subdivision of Section 18,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 27 ins. diam., bears S. 82° W., 43 lks. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Mark Smalley, Registered Land Surveyor No. 2354, in 1991, recorded in Douglas County Corner Renewal No. 63/129</p> <p>A fir, 44 ins. diam., bears N. 87½° E., 43½ lks. dist., with scribe marks 1/4 S17 BT visible on bark.</p> <p>N. 89° 16' 37" W., on the E. and W. center line of sec. 18.</p> <p>Descend over broken NW. slope, through heavy timber and undergrowth.</p>
10.15	Creek, 3 lks. wide, course S. 80° W., asc. over SE. slope.
17.85	Spur, slopes S. 10° W., desc. over SW. slope.
21.90	Ravine, drains S., asc. over E. slope.
37.15	Dirt road, 25 lks. wide, bears N. 10° E. and S. 10° W.
43.401	<p>Point selected for the witness point on the E. and W. center line of sec. 18.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, and brass cap mkd.</p> <p style="text-align: center;">WP C C S 18 1998</p> <p>from which</p> <p>A fir, 6 ins. diam., bears S. 67½° W., 18 lks. dist., mkd. WP S18 BT.</p> <p>A fir, 9 ins. diam., bears N. 50½° W., 55 lks. dist., mkd. WP S18 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The corner is located on top of spur, slopes S. 5° W.</p> <p>Descend over broken SW. slope.</p>

**Subdivision of Section 18,
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
72.75	Saint John Creek, 15 lks. wide, course S. 45° E., asc. over E. slope.
80.50	Ravine, drains N. 60° E., asc. over SE. slope.
82.240	The ¼ sec. cor. of sec. 18 only, T. 31 S., R. 5 W., on the W. bdy of Tp.
GENERAL DESCRIPTION	
<p>The area covered in this survey is located in Douglas County, Oregon, approximately 5 miles southwest of Canyonville, Oregon. Access is by way of Bureau of Land Management roads which branch off of County Road Nos. 21 and 44. The area is drained by Mitchell Creek and Saint John Creek which flow into the South Umpqua River. The elevations range from about 1200 feet above sea level near the corner of townships 30 and 31 south, ranges 5 and 6 west, to about 2800 feet above sea level near the 1/4 section corner of section 18 only.</p> <p>The soil varies from a dark loam along the creek bottoms to a rocky clay on the hillsides. The timber in the area consists of fir, oak, madrone, cedar, pine, hemlock, yew, dogwood, chinquapin, and alder. The undergrowth consists of manzanita, fern, salal, poison oak, and rhododendron.</p> <p>The principal uses of the area are timber harvesting and hunting.</p> <p>There were some inactive Mines noted during the course of the survey.</p> <p>The mean magnetic declination, as shown on the United States Geological Survey Provisional quadrangle map, "CANYONVILLE, OREG.," 7½ minute series, prepared in 1986, is 18½° East.</p>	