

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

FIELD NOTES  
OF THE  
CORRECTIVE DEPENDENT RESURVEY  
OF THE WEST ONE-HALF  
OF THE LINE BETWEEN  
SECTIONS 13 AND 24,  
**TOWNSHIP 31 SOUTH, RANGE 5 WEST,**  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

**EXECUTED BY**

**Bryan S. Seibold, Cadastral Surveyor**

Under Special Instructions dated August 21, 1997, approved August 21, 1997,  
which provided for the surveys included under Group No. 1861,  
and assignment instructions dated August 27, 1997.

**Survey commenced September 3, 1997**

**Survey completed September 23, 1997**

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

## CHAINS

The following field notes are those of the corrective dependent resurvey of the west one-half of the line between sections 13 and 24, township 31 south, range 5 west, Willamette Meridian, Oregon.

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

A portion of the subdivisional lines were surveyed by William H. Byars, U.S. Deputy Surveyor, in 1882.

A portion of the subdivisional lines were resurveyed by Daniel L. Berry and Charles E. Akin, Jr., Cadastral Surveyors, in 1972-73.

In 1997, Greg D. Lang, Registered Professional Land Surveyor No. 2295, notified this office of an error in the position of the W 1/16 section corner of sections 13 and 24, established by Berry and Akin, in 1972-73. This error was verified, necessitating this corrective dependent resurvey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated August 21, 1997, for Group No. 1861, Oregon and memorandum from the Chief, Branch of Geographic Sciences, dated September 11, 1997, file 9624 (OR957).

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.

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.

The geographic position (NAD 1983 (91)) of the 1/4 section corner of sections 13 and 24, as determined by a tie to horizontal control station "DAG", established by the Oregon Highway Department, in 1963, is as follows:

**Corrective Dependent Resurvey of the West One-Half  
of the Line Between Sections 13 and 24,  
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

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	<p>Latitude: 42° 52' 07.77" N.      Longitude: 123° 14' 15.85" W.</p> <p>The mean magnetic declination is 18½° East.</p> <hr/> <p style="text-align: center;"><b>Corrective Dependent Resurvey of the West One-Half of the Line Between Sections 13 and 24, T. 31 S., R. 5 W., Willamette Meridian, Oregon</b></p> <hr/> <p style="text-align: center;">(Restoring the survey by William H Byars in 1882 and correcting the resurvey by Daniel L. Berry and Charles E. Akin, Jr., in 1972-73)</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 13 1/4 S 24 T 31 S R 5 W 1973</p> <p>from which bearing trees mkd. by Berry and Akin</p> <p style="padding-left: 40px;">A madrone, 13 ins. diam., bears S. 8½° E., 27½ lks. dist., with partial scribe mks. visible on partially decayed healed blaze.</p> <p style="padding-left: 40px;">A madrone, 10 ins. diam., bears N. 3½° W., 22½ lks. dist., with healed blaze. (Record, 24 lks.)</p> <p>From this point, the Oregon Highway Department, Geodetic Control Station "DAG", 1963, at latitude 42° 52' 09.739" N., longitude 123° 14' 23.987" W., (NAD 83 (1991)), bears N. 71° 46' 31" W., 9.671 chs. dist. (mean bearing and sea level distance), monumented with a brass tablet, firmly set flush in concrete, with top mkd. OREGON STATE HIGHWAY DEPT ELEV STATION DAG USC&amp;GS DO NOT DISTURB and a triangle.</p> <p>S. 89° 51' 50" W., bet. secs. 13 and 24.</p> <p>Descend over SW. slope, through moderate timber and undergrowth.</p> <p>4.25      Graveled road, 30 lks. wide, bears N. 45° W. and S. 45° E.</p> <p>5.90      Power transmission line, bears, N. 30° W. and S. 30° E.</p>

**Corrective Dependent Resurvey of the West One-Half  
of the Line Between Sections 13 and 24,  
T. 31 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
19.438	<p>The W 1/16 sec. cor. of secs. 13 and 24, established by Greg D. Lang, Registered Professional Land Surveyor No. 2295, in 1996, recorded in the Douglas County Surveyors Office, map file M127-73, and is accepted as the cor.; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with yellow plastic cap mkd. "LANG SURVEYING", from which bearing trees mkd. by Lang</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears N. 45° E., 18½ lks. dist., with scribe mks. W1/16 S13 BT visible on partially healed double blazes.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears S. 56° E., 70 lks. dist., with scribe mks. W1/16 S24 BT visible on partially healed double blazes.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, directly over the iron rod, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;">       S 13        W 1/16        S 24        1997     </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this point, the W1/16 sec. cor. of secs. 13 and 24, erroneously established by Berry and Akin, in 1972-73, bears N. 85° 12' 59" W., 1.045 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. W1/16 S13 S24 1973, from which bearing trees mkd. by Berry and Akin</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 85¼° E., 25½ lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 31½° W., 14 lks. dist., with healed blaze.</p> <p>I removed the marks from the brass cap and remarked it AM 69.0 FT TO COR 1997 with an arrow pointing to the cor. and the marks on the trees were obliterated.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 52' 36" W., beginning new measurement.</p>

**Corrective Dependent Resurvey of the West One-Half  
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CHAINS	
	Descend over SW. slope.
12.15	Woven wire fence, bears N. 15° E. and S. 15° W.
14.40	Canyon Creek, 10 lks. wide, course N. 20° E., asc. over E. slope.
15.25	Center of the north bound lanes of Interstate Highway No. 5, asphalt surfaced, 60 lks. wide, bears N. 15° E. and S. 15° W.
16.55	Center of the south bound lanes of Interstate Highway No. 5, asphalt surfaced, 60 lks. wide, bears N. 15° E. and S. 15° W.
19.434	The cor. of secs. 13, 14, 23 and 24, monumented with an iron post, 2½ ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.
	T 31 S R 5 W S 14 S 13  S 23 S 24 1973
	from which the remains of the original bearing trees
	A live oak, 20 ins. diam., bears N. 50° E., 46½ lks. dist., with no mks. visible on opened blaze. (Record, 49 lks.)
	A yew stub, bears S. 50° E., 21 lks. dist., with no mks. visible on yew trunk, 6 ins. diam., alongside. (Record, 17 lks.)
	A fir snag, 14 ins. diam., bears S. 27° W., 9½ lks. dist., with no mks. visible on open blaze. (Record, 8 lks.)
	and bearing trees mkd. by Berry and Akin
	A fir, 13 ins. diam., bears N. 20° E., 23 lks. dist., with healed blaze.
	A fir, 12 ins. diam., bears S. 51¼° E., 44½ lks. dist., with healed blaze.
	A fir, 16 ins. diam., bears S. 64½° W., 8 lks. dist., with healed blaze.
	A fir, 12 ins. diam., bears N. 51° W., 33½ lks. dist., with healed blaze.

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

CHAINS

## GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in steep hilly country, approximately 4½ miles southeasterly of Canyonville, Oregon. The elevation ranges from approximately 2120 feet above sea level near the 1/4 corner of sections 13 and 24, to about 1150 feet above sea level near Canyon Creek.

The area is drained by Packard Creek and Canyon Creek. The timber consists of fir, cedar, pine, oak, madrone, maple and chinquapin. The undergrowth is mainly salal, arrowwood, vine maple, poison oak and young timber.

Access is gained via Interstate 5 and Canyon Creek Road (County Road No. 301), with other graveled and dirt roads branching into the area surveyed.

No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber.

The mean magnetic declination, as taken from U. S. Geological Survey quadrangle map "STARVOUT CREEK, OREG.", provisional edition 1986, indicates a mean magnetic declination of 18½° East.