

R-656

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF THE  
OREGON AND WASHINGTON STATE BOUNDARY,  
AND  
PORTIONS OF THE SOUTH, EAST, AND WEST BOUNDARIES  
AND SUBDIVISIONAL LINES,  
THE SUBDIVISION OF SECTIONS 14, 15, 20, 21, 22, AND 26,  
AND METES-AND-BOUNDS SURVEY OF THE  
THREAD OF HENRY CREEK IN SECTIONS 19, 20, 29, AND 30,  
TOWNSHIP 6 NORTH, RANGE 38 EAST,  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

## EXECUTED BY

*Richard L. Johnson, Cadastral Surveyor*

*Philip G. Griffin, Cadastral Surveyor*

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*Richard R. Shatto, Cadastral Surveyor*

Under Special Instructions dated September 18, 1987,  
approved September 18, 1987,  
and Supplemental Special Instructions dated May 9, 1990,  
approved May 11, 1990,  
which provided for the surveys included under Group No. 1405,  
and Assignment Instructions dated September 21, 1987,  
May 19, 1988, May 16, 1990, and August 29, 1990.

*Survey commenced October 13, 1987*

*Survey completed September 16, 1991*

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## T. 6 N., R. 38 E., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the Oregon and Washington State boundary, and portions of the south, east, and west boundaries and subdivisional lines, the subdivision of sections 14, 15, 20, 21, 22, and 26, and the metes-and-bounds survey of the thread of Henry Creek in sections 19, 20, 29, and 30, township 6 north, range 38 east, Willamette Meridian, Oregon.

In 1864, Daniel G. Major, Astronomer and Surveyor, surveyed the Oregon and Washington State boundary.

In 1865, William H. Odell and William S. Lewis, U. S. Deputy Surveyors, surveyed a portion of the west boundary.

In 1872, George Williams, U. S. Deputy Surveyor, retraced portions of the Oregon and Washington State boundary, and surveyed the south, east, and the remainder of the west boundary and subdivisional lines, T. 6 N., R. 38 E., south of the State boundary. Williams' retracement of the Oregon and Washington state boundary is irreconcilable with the original survey and is not utilized in this resurvey.

In 1879, Francis F. Loehr, U. S. Deputy Surveyor, retraced portions of the Oregon and Washington State boundary and surveyed the east boundary and subdivisional lines of T. 6 N., R. 38 E., north of the State boundary.

In 1883, Rufus S. Moore, U. S. Deputy Surveyor, retraced a portion of the south boundary.

In 1899, William and George R. Campbell, U. S. Deputy Surveyors, retraced a portion of the south boundary.

In 1931, Roy T. Campbell, U. S. Cadastral Engineer, retraced a portion of the Oregon and Washington State boundary.

In 1932, Otis O. Gould, U. S. Transitman, dependently resurveyed a portion of the State boundary, west boundary, and independently resurveyed the south boundary of T. 6 N., R. 39 E.

In 1965, C. Albert White, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines of T. 6 N., R. 37 E.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated September 18, 1987, and Supplemental Special Instructions dated May 9, 1990, for Group No. 1405, Oregon.

Preliminary to the resurvey, the lines of the prior surveys 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 by a variety of means based on the official record. Almost complete absence of original evidence throughout the township, the discovery of major blunders of measurement in the original survey of both the Oregon and Washington State boundary and the south boundary of the township, and the need to preserve

**T. 6 N., R. 38 E., Willamette Meridian, Oregon**

CHAINS

the bona fide rights of property owners dictated the use of eclectic methods. The retracement data were thoroughly verified and only the true line field notes are given herein.

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.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the ¼ section corner of sections 25 and 30 on the west boundary of the township, as determined by a direct tie to United States Geological Survey triangulation station "PIKES PEAK," 1960, is as follows:

Latitude 45° 58' 13.63" N. Longitude 118° 07' 19.60" W.

The mean magnetic declination is 21° East.

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**Dependent Resurvey of a Portion of the  
Oregon and Washington State Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon**

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(Restoring the 1864 survey by Daniel G. Major  
and the 1931 resurvey by Roy T. Campbell)

Beginning at the 40 Mile Post, determined from the remaining original bearing tree:

A ponderosa pine, 38 ins. diam., bears N. 86° E., 200 lks. dist., with scribe marks 40M on opened blaze facing W., and illegible scribe marks on opened blaze facing S.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

40 M  
WASHINGTON  
OREGON  
1991

from which a new bearing tree

A ponderosa pine, 17 ins. diam., bears S. 3¼° W., 91½ lks. dist., mkd. 40M ORE BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

Dependent Resurvey of a Portion of the  
Oregon and Washington State Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>The corner is located on a grassy SE. slope, 60 lks. S. of a spur, slopes N. 70° E., and 105 lks. S. of a down barbed wire fence, 2 strands, extending N. 70° E. and S. 70° W.</p> <p>N. 89° 57' 30" E., on the 41st mile of the Oregon and Washington State bdy.</p> <p>Descend broken SE. slope through scattered timber and undergrowth.</p>
38.320	<p>Point for the 40½ Mile Post at proportionate distance; there is no remaining evidence of the original corner. No permanent monument established.</p>
61.370	<p>True point for the closing cor. of secs. 13 and 18 of Tps. 6 N., Rs. 37 and 38 E., Oregon, hereinafter described.</p>
76.640	<p>The 41st Mile Post, monumented with the remains of the original corner tree, a pine stump, 23 ins. diam., with axe marks on W. face, and a pine log, 23 ins. diam., mkd. 41 on rotted and opened blaze, lying downhill, from which the remains of original bearing objects:</p> <ul style="list-style-type: none"> <li>A rock outcropping, bears N. 33¼° E., 95 lks. dist. (Record, N. 36° 50' E., 90 lks. dist.)</li> <li>A root hole, bears S. 64° W., 662 lks. dist., with rotted pine log, size indeterminate, with axe marks on partially healed blaze. (Record, S. 64° 24' W., 2½ chs. dist.)</li> <li>A line midpoint between the remains of two trees; a pine snag, 19 ins. diam., mkd. with a healed blaze, facing S., and a root hole, with rotted pine log, 12 ins. diam., lying alongside, mkd. with healed blaze, bears N. 26° 20' W., approx. 180 lks. dist. (Record, 1½ chs.)</li> </ul> <p>Lying loose alongside the 41st Mile Post is an iron pipe, 2 ins. diam., 30 ins. long, with iron cap mkd. MP 41 WASHINGTON OREGON 1975 PLS 6555, of no known record.</p> <p>At the corner point</p> <p>Drive an iron rod, 5/8 in. diam., 18 ins. long, 15 ins. into the center of the original pine stump, with an aluminum cap mkd.</p> <p style="text-align: center;">41 M <u>Washington</u> Oregon 1991</p> <p>from which a new reference monument and bearing tree</p> <ul style="list-style-type: none"> <li>A stainless steel post, 28 ins. long, 2½ ins. diam., set 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top, for a reference monument, bears N. 45° E., 10 lks. dist., with brass cap mkd. RM 41M 1991 6.6 FT TO COR and an arrow pointing to the corner. Deposit a silver "DEEP-1" magnetic marker at base of stainless steel post.</li> <li>A ponderosa pine, 19 ins. diam., bears S. 69¼° E., 69½ lks. dist., mkd. 41M ORE BT.</li> </ul>

Dependent Resurvey of a Portion of the  
Oregon and Washington State Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>The corner is located on SE. slope in scattered timber and light undergrowth, 760 lks. W. of a dirt road, 15 lks. wide, bears N. 30° E. and S. 30° W.</p>
	<p>From the 43 Mile 61 Chain Post, monumented with the original mound of stone, 6 foot base, 3 foot high, with charcoal at the base.</p>
	<p>At the corner point</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">43 M 61 CHS WASHINGTON OREGON 1991</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A fir, 27 ins. diam., bears N. 15¾° E., 215½ lks. dist., mkd. 43M 61CHS WASH BT.</p>
	<p style="padding-left: 40px;">A fir, 26 ins. diam., bears S. 18¼° E., 374½ lks. dist., mkd. 43M 61CHS ORE BT.</p>
	<p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>
	<p>The corner is located on spur, slopes S., in down barbed wire fence, 4 strands, extends E. and W.</p>
	<p>N. 89° 52' 30" E., on the Oregon and Washington State bdy.</p>
17.385	<p>Point for the closing cor. of secs. 15 and 16, T. 6 N., R. 38 E., Oregon, hereinafter described.</p>
57.065	<p>Point for the closing subdivision-of-section cor. on the N. and S. center line of sec. 15, T. 6 N., R. 38 E., Oregon, hereinafter described.</p>
64.60	<p>Intake Trail, 3lks. wide, bears generally N. 20° E. and S. 20° W.</p>
65.570	<p>The 44 5/8 Mile Post, monumented with the original mound of stone, 6 ft. base, 2 ft. high, with charcoal at the base, from which original bearing objects:</p> <p style="padding-left: 40px;">A grove of timber, bears N. 65° 53' E., about eight miles dist.</p> <p style="padding-left: 40px;">A conical mound of stone, bears S. 73° 08' 30" E., about five miles dist. (Record, S. 73° 17' E.)</p> <p style="padding-left: 40px;">A rocky point, bears N. 16° 40' W., 60 lks. dist. (Record, 60 chs.)</p>
	<p>At the corner point</p>

Dependent Resurvey of a Portion of the  
Oregon and Washington State Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground, to solid rock, and in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">44 5/8 M <u>WASHINGTON</u> OREGON 1991</p>
	<p>from which new bearing trees</p>
	<p>A ponderosa pine, 8 ins. diam., bears N. 70½° E., 143 lks. dist., mkd. X BT.</p>
	<p>A ponderosa pine, 25 ins. diam., bears S. 62½° E., 201 lks. dist., mkd. 43 5/8 M ORE BT.</p>
	<p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>
	<p>The corner is located on spur, slopes S., and 50 lks. S. and 90 lks. N. of rock ledges.</p>
	<p style="text-align: center;">_____</p> <p>S. 89° 59' 30" E., on the Oregon and Washington State bdy., beginning new measurement.</p>
36.745	<p>Point for the closing cor. of secs. 14 and 15, T. 6 N., R. 38 E., Oregon, hereinafter described.</p>
51.720	<p>The 45 1/3 Mile Post, determined from the remains of the original bearing trees:</p>
	<p>A fir, 44 ins. diam., bears N. 60° E., 60 lks. dist., with scribe mark W on opened blaze, facing S. (Record, tamarack.)</p>
	<p>A broken fir stump, 22 ins. diam., bears N. 61½° E., 77 lks. dist., with fir log, 20 ins. diam., lying downhill, no marks. (Record, tamarack, N. 60° E., 70 lks.)</p>
	<p>A root hole, bears S. 65° E., 185 lks. dist., with pine log, 9 ins. diam., lying alongside, with scribe mark O on open blaze. (Record, 1 2/3 chs.)</p>
	<p>At the corner point</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">45 1/3 M <u>Washington</u> Oregon 1991</p>
	<p>from which new bearing trees</p>
	<p>A fir, 16 ins. diam., bears S. 75½° E., 137 lks. dist., mkd. 45 1/3M ORE BT.</p>

Dependent Resurvey of a Portion of the  
Oregon and Washington State Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>A ponderosa pine, 42 ins. diam., bears N. <math>27\frac{3}{4}^{\circ}</math> W., 330<math>\frac{1}{2}</math> lks. dist., mkd. 45 1/3M WASH BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on spur, slopes S. <math>50^{\circ}</math> E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. <math>89^{\circ} 58' 30''</math> E., on the Oregon and Washington State bdy., beginning new measurement.</p> <p>Descend broken SE. slope through timber and undergrowth.</p>
30.10	Creek, dry, 3 lks. wide, drains S. $30^{\circ}$ E.
30.40	Spur, slopes S.
30.65	Mill Creek Trail, 3 lks. wide, bears N. $10^{\circ}$ E. and S. $10^{\circ}$ W.: desc. steep E. slope.
30.970	Point for the closing subdivision-of-section cor. on the N. and S. center line of sec. 14, T. 6 N., R. 38 E., Oregon, hereinafter described.
31.35	Bottom of steep descent; over level creek bottom.
32.55	Mill Creek, 60 lks. wide, course S. $20^{\circ}$ W.; asc. broken NW. slope.
76.925	Point for the closing cor. of secs. 13 and 14, T. 6 N., R. 38 E., Oregon, hereinafter described.
102.495	The 46 Mile Post, monumented with an iron post, 3 ins. diam., firmly set in a mound of stone, 3 foot base to top, with brass cap mkd.
	US G.L.O. 46 M $\frac{W}{O}$ 1931
	<p>from which the original bearing trees</p> <p>A fir, 27 ins. diam., bears N. <math>10^{\circ}</math> E., 56 lks. dist., with healed double blaze.</p> <p>A fir, 22 ins. diam., bears S. <math>6^{\circ}</math> W., 20 lks. dist., with illegible scribe marks on opened lower blaze and healed upper blaze.</p> <p>and bearing trees mkd. by Campbell</p> <p>A fir, 35 ins. diam., bears S. <math>31^{\circ}</math> E., 48 lks. dist., with healed double blaze. (Record, S. <math>26^{\circ}</math> E., 44 lks.)</p> <p>A fir, 14 ins. diam., bears N. <math>5^{\circ}</math> W., 18 lks. dist., with rotted blaze. (Record, 17 lks.)</p>



Dependent Resurvey of a Portion of the Oregon and Washington State Boundary, T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS

The corner is located on sharp rocky spur, slopes N.

Dependent Resurvey of a Portion of the South Boundary, T. 6 N., R. 38 E., Willamette Meridian, Oregon

(Restoring the 1873 survey by George Williams, the 1883 resurvey by Rufus Moore, the 1899 resurvey by William G. and George R. Campbell, and the 1932-35 resurvey by Otis O. Gould)

The closing corners established on the S. bdy. by Rufus Moore in 1883 and William G. and George R. Campbell in 1899, were utilized to control alignment of the S. bdy.

From the SE. cor. of T. 6 N., R. 38 E., monumented with an iron post, 3 ins. diam., firmly set, protruding 8 ins. above the ground, with brass cap mkd.

T6N	
R38E	
S 36	
<hr/>	
S 6	T6N
T5N	R39E
R39E	S 31
1932	

No suitable trees available.

The corner is located on steep W. slope in undergrowth.

From this point, the SW. cor. of T. 6 N., R. 39 E., bears S. 2° 15' 00" E., 1.960 chs. dist., monumented with an iron post, 3 ins. diam, firmly set, protruding 15 ins. above the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T5N	T6N
R39E	R39E
	S 31
<hr/>	
S 6	
1932	

No suitable trees available.

The corner is located on steep W. slope.

S. 89° 38' 30" W., on the S. bdy. of sec. 36.

15.310

The 1/4 sec. cor. of sec. 6 only, T. 5 N., R. 39 E., monumented with an iron post, 1 in. diam, firmly set, protruding 5 ins. above the ground, with brass cap mkd.

<hr/>	
1/4	S 6
1932	

from which the remains of bearing trees mkd. by Gould

Dependent Resurvey of a Portion of the West Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>from which bearing trees mkd. by White</p> <p>A fir, 19 ins. diam., bears N. <math>82\frac{1}{2}^{\circ}</math> E., 87 lks. dist., with healed blaze.</p> <p>A fir, 24 ins. diam., bears S. <math>63^{\circ}</math> E., 29 lks. dist., with healed blaze.</p> <p>A fir, 18 ins. diam., bears S. <math>15\frac{1}{2}^{\circ}</math> W., 43 lks. dist., with healed blaze.</p> <p>A fir, 17 ins. diam., bears N. <math>48\frac{1}{2}^{\circ}</math> W., 132 lks. dist., with healed blaze.</p>
	<hr/> <p>N. <math>0^{\circ} 01' 00''</math> W., bet. secs. 13 and 18.</p> <p>Ascend gentle SE. slope through timber and undergrowth.</p>
0.90	Dirt road, 20 lks. wide, bears N. $10^{\circ}$ E. and S. 20 W.
3.65	Spur, slopes E.; desc. steep N. slope.
5.30	Creek, dry, 10 lks. wide, drains N. $50^{\circ}$ E.; asc. SE. slope.
37.35	Spur, slopes E.; desc. steep N. slope.
38.20	Jeep track, 15 lks. wide, bears N. $70^{\circ}$ W. and S. $70^{\circ}$ E.
39.040	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 18, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T6N <math>\frac{1}{4}</math> R37E    R38E S 13         S 18 1991</p>
	<p>from which</p> <p>A fir, 29 ins. diam., bears N. <math>58^{\circ}</math> E., 52 lks. dist., mkd. <math>\frac{1}{4}</math> S18 BT.</p> <p>A fir, 15 ins. diam., bears S. <math>49\frac{3}{4}^{\circ}</math> W., 36 lks. dist., mkd. <math>\frac{1}{4}</math> S13 BT.</p>
	<p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on steep NE. slope.</p> <p>From this point, a point reestablished as the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 18, recorded by Wayne O. Harris, Registered Land Surveyor No. 346, in 1960, in Umatilla County Surveyor's Office, bears N. <math>16^{\circ} 51' 30''</math> E., 0.450 chs. dist., monumented with an iron rod,</p>

**Dependent Resurvey of a Portion of the West Boundary,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon**

CHAINS

1 in. square, firmly set, protruding 4 ins. above the ground. This point is not properly positioned and is not utilized in this survey, from which a bearing tree mkd. by Harris:

A fir, 19 ins. diam., bears S. 82° E., 41½ lks. dist., with healed blaze.

41.45 Creek, dry, 20 lks. wide, drains S. 75° E., over level ground.

41.65 Dirt road, 15 lks. wide, bears N. 75° W. and S. 75° E.; asc. steep rocky S. slope.

50.360 Intersect the Oregon and Washington State bdy. and true point for the closing cor. of secs. 13 and 18.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T6N	R37E
S 13	
S 13	S 18
R37E	R38E
C	C
T6N	
1991	

from which

A ponderosa pine, 20 ins. diam., bears S. 54½° E., 114 lks. dist., mkd. T6N R38E S18 CC BT.

A fir, 16 ins. diam., bears S. 63° W., 260 lks. dist., mkd. T6N R37E S13 CC BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

From this point, a point reestablished as the closing cor. of secs. 13 and 18, recorded by Wayne O. Harris, Registered Land Surveyor No. 346, in 1960, in Umatilla County Surveyor's Office, bears N. 0° 01' 00" W., 0.450 chs. dist. There is no remaining evidence of the original corner; therefore, this position is accepted as the corner, monumented with an iron rod, 1 in. square, firmly set, protruding 6 ins. above the ground, from which a bearing tree mkd. by Harris:

A fir, 22 ins. diam., bears S. 33½° E., 193 lks. dist., with healed double blaze.

From this same point, the 41st Mile Post on the Oregon and Washington State bdy., bears N. 89° 57' 30" E., 15.270 chs. dist., hereinbefore described.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon**

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS											
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T6N</td> <td>T6N</td> </tr> <tr> <td>R38E</td> <td>R39E</td> </tr> <tr> <td>S 13</td> <td>S 19</td> </tr> <tr> <td>S 24</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">1932</td> </tr> </table>	T6N	T6N	R38E	R39E	S 13	S 19	S 24		1932	
T6N	T6N										
R38E	R39E										
S 13	S 19										
S 24											
1932											
	<p>from which the remains of bearing trees mkd. by Gould</p> <p>A fir, 17 ins. diam., bears S. 60° W., 22 lks. dist., with healed blaze. (Record, 21 lks.)</p> <p>A fir snag, 11 ins. diam., bears N. 74° W., 18 lks. dist., with illegible scribe marks on broken blaze. (Record, 19 lks.)</p> <p>and a new bearing tree</p> <p>A fir, 19 ins. diam., bears N. 19° W., 26 lks. dist., mkd. T6N R38E S13 BT.</p> <p>The corner is located on steep NW. slope, 205 lks. E. of ravine, drains N. 45° E.</p> <p>This control line was fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.</p>										
39.000	<p>North (record bearing), bet. secs. 13 and 14.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14, 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., 24 ins. in the ground, in collar of stone, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T6N</td> <td>R38E</td> </tr> <tr> <td>S 14</td> <td>S 13</td> </tr> <tr> <td colspan="2" style="text-align: center;"><math>\frac{1}{4}</math></td> </tr> <tr> <td colspan="2" style="text-align: center;">1991</td> </tr> </table> <p>from which</p> <p>A fir, 12 ins. diam., bears S. 55° E., 41 lks. dist., mkd. <math>\frac{1}{4}</math> S13 BT.</p> <p>A larch, 14 ins. diam., bears N. 58½° W., 47½ lks. dist., mkd. <math>\frac{1}{4}</math> S14 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on steep NW. slope.</p>	T6N	R38E	S 14	S 13	$\frac{1}{4}$		1991			
T6N	R38E										
S 14	S 13										
$\frac{1}{4}$											
1991											
50.800	<p>Intersect the Oregon and Washington State Bdy. and point for the closing cor. of secs. 13 and 14; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>										

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS

S 14	S 13
T6N	R38E
C	C
1991	

from which

A fir, 16 ins. diam., bears S.  $34\frac{1}{2}^{\circ}$  E., 43 lks. dist., mkd.  
T6N R38E S13 CC BT.

A fir, 21 ins. diam., bears S.  $40^{\circ}$  W., 71 lks. dist., mkd.  
T6N R38E S14 CC BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located on steep NW. slope.

From this point, the 46 Mile Post on the Oregon and Washington State Bdy., bears S.  $89^{\circ} 58' 30''$  E., 25.570 chs. dist., hereinbefore described.

From the cor. of secs. 34 and 35 only, on the S. bdy. of the Tp., the point for the cor. of secs. 26, 27, 34, and 35, at proportionate distance, bears N.  $17^{\circ} 11' 30''$  W., 81.800 chs. dist.; there is no remaining evidence of the original corner. No permanent monument established. This control line was fully retraced and careful search was made for evidence of intervenine corners, none of which was recovered.

From the point for the cor. of secs. 26, 27, 34 and 35, the cor. of secs. 29, 30, 31, and 32 bears S.  $89^{\circ} 53' 30''$  W., 264.805 chs. dist., hereinafter described. This control line was fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.

From the cor. of secs. 25, 26, 35, and 36, the point for the  $\frac{1}{4}$  sec. cor. of secs. 26 and 35, at proportionate distance; bears S.  $89^{\circ} 38' 30''$  W., 43.730 chs. dist.; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T 6 N	R 38 E
S 26	
$\frac{1}{4}$	—
S 35	
1991	

from which

A yew, 10 ins. diam., bears S.  $45\frac{1}{2}^{\circ}$  E.,  $55\frac{1}{2}$  lks. dist., mkd.  
 $\frac{1}{4}$  S35 BT.

A fir, 13 ins. diam., bears N.  $67\frac{3}{4}^{\circ}$  W., 85 lks. dist., mkd.  
 $\frac{1}{4}$  S26 BT.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	North (record bearing), bet. secs. 14 and 15.
4.70	Mill Creek, 70 lks. wide, course W.
19.535	Point for the S 1/16 sec. cor. of secs. 14 and 15.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\begin{array}{ccc} & \text{S } 1/16 & \\ \text{S } 15 &   & \text{S } 14 \\ & 1991 & \end{array}$
	from which
	A fir, 42 ins. diam., bears N. 73½° E., 21 lks. dist., mkd. S 1/16 S14 BT.
	A fir, 32 ins. diam., bears N. 58° W., 46 lks. dist., mkd. S 1/16 S15 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	The corner is located on S. slope.
33.45	Spur, slopes S. 40° W.; asc. SW. slope.
39.070	Point for the ¼ sec. cor. of secs. 14 and 15, at proportionate distance; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\begin{array}{ccc} \text{T6N} & & \text{R38E} \\ & \frac{1}{4} & \\ \text{S } 15 &   & \text{S } 14 \\ & 1991 & \end{array}$
	from which
	A fir, 32 ins. diam., bears N. 23¼° W., 341 lks. dist., mkd. ¼ S15 BT.
	No suitable tree available in sec. 14.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	The corner is located on steep W. slope.
51.185	Intersect the Oregon and Washington State Bdy. and point for the closing cor. of secs. 14 and 15; there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS

S 15	S 14
T6N	R38E
C	C
1991	

from which

A fir, 12 ins. diam., bears S. 75° W., 109 lks. dist., mkd.  
T6N R38E S15 CC BT.

No suitable tree available in sec. 14.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located on steep W. slope.

From this point, the 45 1/3 Mile Post on the Oregon and Washington State Bdy., bears S. 89° 59' 30" E., 14.975 chs. dist., hereinbefore described.

From the cor. of secs. 33 and 34 only, on the S. bdy. of the Tp., the point for the cor. of secs. 21, 22, 27, and 28, at proportionate distance, bears N. 5° 59' 30" W., 157.530 chs. dist.; there is no remaining evidence of the original corner. No permanent monument established. This control line was fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.

From the point for the cor. of secs. 21, 22, 27, and 28, the cor. of secs. 19, 20, 29, and 30, bears S. 89° 58' 30" W., 174.780 chs. dist., hereinafter described. This control line was fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.

From the cor. of secs. 22, 23, 26, and 27, the point for the 1/4 sec. cor. of secs. 22 and 27, at proportionate distance, bears S. 89° 46' 00" W., 43.895 chs. dist.; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T6N	R38E
	S 22
1/4	S 27
1991	

from which

A fir, 28 ins. diam., bears S. 30° E., 23 lks. dist., mkd.  
1/4 S27 BT.

A fir, 16 ins. diam., bears N. 69° W., 35 1/2 lks. dist., mkd.  
1/4 S22 BT.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">                     S 15                      W 1/16 —————                      S 22                      1991                 </p> <p>from which</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears N. 35° E., 141 lks. dist., mkd. W 1/16 S15 BT.</p> <p style="padding-left: 40px;">A fir, 26 ins. diam., bears S. 66° W., 65½ lks. dist., mkd. W 1/16 S22 BT.</p> <p>Deposit white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>The corner is located on steep E. slope.</p>
35.480	<p>The NW. cor. of Keen Property established and recorded by David H. Krumbein, Registered Land Surveyor No. 933, in 1984, in the Umatilla County Surveyor's Office, Survey No. 84-111-A, and is accepted as a point on the line bet. secs. 15 and 22; monumented with an iron rod, 5/8 in. diam., firmly set, protruding 18 ins. above the ground.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">                     T 6 N R 38 E                      S 15                      AP —————                      S 22                      1991                 </p> <p>from which</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears N. 11° E., 51 lks. dist., mkd. AP S15 BT.</p> <p>No suitable tree available in sec. 22.</p> <p>Deposit a white "DEEP-1" magnetic marker at base and iron rod alongside stainless steel post.</p> <p>The corner is located on steep E. slope.</p> <p style="text-align: center;">_____</p> <p>S. 89° 30' 30" W., beginning new measurement.</p>
4.220	<p>The cor. of secs. 15, 16, 21 and 22.</p> <p style="text-align: center;">_____</p> <p>North (record bearing), bet. secs. 15 and 16.</p>
19.120	<p>Point for the S 1/16 sec. cor. of secs. 15 and 16.</p>



Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 4 ins. in the ground, to solid rock, and supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">S 1/16 S 16   S 15 1991</p> <p>from which</p> <p style="padding-left: 40px;">A ponderosa pine, 39 ins. diam., bears N. 23° W., 561 lks. dist., mkd. S 1/16 S16 BT.</p> <p>No suitable tree available in sec. 15.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on steep E. slope.</p>
38.240	<p>Point for the ¼ sec. cor. of secs. 15 and 16, 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., 15 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T6N R38E ¼ S 16   S 15 1991</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 26 ins. diam., bears S. 55½° W., 763½ lks. dist., mkd. ¼ S16 BT.</p> <p>No suitable tree available in sec. 15.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on steep SW. slope.</p>
38.65	<p>Spur, slopes S. 45° W., over W. slope.</p>
50.380	<p>Intersect the Oregon and Washington State Bdy. and point for the closing cor. of secs. 15 and 16; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S 16   S 15 T6N   R38E C   C 1991</p> <p>from which</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

## CHAINS

A fir, 38 ins. diam., bears S.  $22\frac{3}{4}^{\circ}$  W., 674 $\frac{1}{2}$  lks. dist., mkd.  
T6N R38E S16 CC BT.

No suitable tree available in sec. 15.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

From this point, the 43 Mile and 61 Chains Post on the Oregon and Washington State Bdy., bears S.  $89^{\circ} 52' 30''$  W., 17,385 chs. dist., hereinbefore described.

The corner is located on steep SW. grassy slope.

From the point for the  $\frac{1}{4}$  sec. cor. of secs. 20 and 21, at record bearing and distance from the cor. of secs. 16, 17, 20 and 21; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T6N R38E  
S 20 | S 21  
1991

from which

A fir, 19 ins. diam., bears East, 27 $\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S21 BT.

A fir, 19 ins. diam., bears S.  $52\frac{1}{4}^{\circ}$  W., 38 lks. dist., mkd.  $\frac{1}{4}$  S20 BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located on N. slope in timber, 120 lks. N. of spur, slopes N.  $50^{\circ}$  W.

North (record bearing), bet. secs. 20 and 21.

Descend N. slope through timber and light undergrowth.

7.90

Bottom of descent, edge bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.; over level bottom land.

10.95

Dirt road, 10 lks. wide, bears E. and W.

11.05

Utility lines, 3 wires, extending E. and W.

12.70

Mill Creek, 40 lks. wide, course N.  $50^{\circ}$  W.

13.65

Basalt bluff, 20 ft. high, edge bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

Subdivision of Section 14,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
	<p>from which</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears S. <math>38\frac{1}{4}^{\circ}</math> E., <math>50\frac{1}{2}</math> lks. dist., mkd. CS 1/16 S14 BT.</p> <p style="padding-left: 40px;">A pine, 30 ins. diam., bears N. <math>10^{\circ}</math> W., <math>75\frac{1}{2}</math> lks. dist., mkd. CS 1/16 S14 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on SW. slope in timber.</p>
20.35	Enter grassy land.
29.55	Broken Ridge, bears N. $80^{\circ}$ E. and S. $80^{\circ}$ W.; desc. NW. slope.
38.55	Ravine, drains N. $55^{\circ}$ W.; asc. W. slope.
39.030	<p>Point for the center <math>\frac{1}{4}</math> sec. cor. of sec. 14, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6N    R38E C<math>\frac{1}{4}</math>   S 14 1991</p>
	<p>from which</p> <p style="padding-left: 40px;">A fir, 19 ins. diam., bears S. <math>18\frac{1}{4}^{\circ}</math> W., <math>16\frac{1}{2}</math> lks. dist., mkd. C<math>\frac{1}{4}</math> S14 BT.</p> <p style="padding-left: 40px;">A ponderosa pine, 17 ins. diam., bears N. <math>21\frac{1}{4}^{\circ}</math> W., <math>21\frac{1}{2}</math> lks. dist., mkd. C<math>\frac{1}{4}</math> S14 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on W. slope.</p>
39.65	Spur, slopes N. $75^{\circ}$ W.; desc. NW. slope.
48.90	Mill Creek, 50 lks. wide, course S. $20^{\circ}$ W.; over level creek bottom.
50.55	Rock ledge, 10 ft. high; asc. steep E. slope.
50.975	<p>Intersect the Oregon and Washington State Boundary and point for the closing subdivision-of-section corner on the N. and S. center line of sec. 14.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Subdivision of Section 14,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS

$$\begin{array}{c} \text{C} \\ \hline \text{S 14} \quad | \quad \text{CC} \\ \text{C} \\ \text{T6N} \quad \text{R38E} \\ 1991 \end{array}$$

from which

A fir, 24 ins. diam., bears S.  $24\frac{1}{4}^{\circ}$  E., 106 lks. dist., mkd. S14 CC BT.

A fir, 11 ins. diam., bears S.  $52^{\circ}$  W.,  $28\frac{1}{2}$  lks. dist., mkd. S14 CC BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located on steep E. slope, 125 lks. S. of Mill Creek Trail, 3 lks. wide, bears N.  $20^{\circ}$  E. and S.  $10^{\circ}$  W.

From this point, the 45  $\frac{1}{3}$  Mile Post on the Oregon and Washington State Bdy., bears N.  $89^{\circ} 58' 30''$  W., 30.970 chs. dist., hereinbefore described.

From the  $\frac{1}{4}$  sec. cor. of secs. 13 and 14.

S.  $89^{\circ} 50' 30''$  W., on the E. and W. center line of sec. 14.

Descend steep NW. slope through timber.

45.935 The center  $\frac{1}{4}$  sec. cor. of sec. 14.

66.10 Spur, slopes S.  $20^{\circ}$  E.

67.00 Mill Creek Trail, 2 lks. wide, bears N.  $35^{\circ}$  E. and S.  $35^{\circ}$  W.

67.80 Ravine, drains S.  $30^{\circ}$  E.

68.910 Point for the center W  $\frac{1}{16}$  sec. cor. of sec. 14.

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$$\begin{array}{c} \text{W } \frac{1}{16} \\ \text{C} \quad \hline \text{S 14} \\ 1991 \end{array} \quad \text{C}$$

from which

A ponderosa pine, 13 ins. diam., bears S.  $71\frac{1}{2}^{\circ}$  E., 31 lks. dist., mkd. CW  $\frac{1}{16}$  S14 BT.

A ponderosa pine, 20 ins. diam., bears N.  $10\frac{3}{4}^{\circ}$  W.,  $45\frac{1}{2}$  lks. dist., mkd. CW  $\frac{1}{16}$  S14 BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

Subdivision of Section 14,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
24.55	Cliff, 15 ft. high, edge bears N. 50° E. and S. 50° W.; desc. extremely steep NW. slope.
45.965	The S 1/16 sec. cor. of secs. 14 and 15.
<hr/> <p style="text-align: center;">Subdivision of Section 15, T. 6 N., R. 38 E., Willamette Meridian, Oregon</p> <hr/>	
	From the ¼ sec. cor. of secs. 15 and 22.
	North, on the N. and S. center line of sec. 15.
	Ascend SE. slope through timber and undergrowth.
4.05	Enter grassy land.
19.055	Point for the center S 1/16 sec. cor. of sec. 15.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{C} \\ \text{S } 1/16 \quad   \quad \text{S } 15 \\ \text{C} \\ 1991 \end{array}$
	from which
	A fir, 28 ins. diam., bears S. 41° W., 295½ lks. dist., mkd. CS 1/16 S15 BT.
	No other suitable trees available.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	The corner is located on grassy S. slope.
36.30	Spur, slopes W.; desc. NW. slope.
38.110	Point for the center ¼ sec. cor. of sec. 15, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 4 ins. in the ground, to solid rock, and supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	$\begin{array}{cc} \text{T6N} & \text{R38E} \\ \text{C} \frac{1}{4} & \text{S } 15 \\ & 1991 \end{array}$
	No suitable trees available.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	The corner is located on grassy NW. slope.

Subdivision of Section 15,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon

CHAINS	
49.10	Spur, slopes W.; desc. steep NW. slope.
50.275	<p>Intersect the Oregon and Washington State Bdy. and point for the closing subdivision-of-section corner on the N. and S. center line of sec. 15.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} C \\ \hline S\ 15 \quad   \quad CC \\ \hline C \\ T6N\ R38E \\ 1991 \end{array}</math> </div> <p>from which</p> <p style="padding-left: 40px;">A ponderosa pine, 23 ins. diam., bears N. 72° W., 225½ lks. dist., mkd. X BT.</p> <p>No other suitable trees available.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on steep NW. slope, 190 lks. S. of a ravine, drains W.</p> <p>From this point, the 44 5/8 Mile Post on the Oregon and Washington State Bdy., bears N. 89° 52' 30" E., 8.505 chs. dist., hereinbefore described.</p> <hr/> <p>From the ¼ sec. cor. of secs. 14 and 15.</p> <p>S. 89° 54' 30" W., on the E. and W. center line of sec. 15.</p> <p>Descend steep W. slope.</p>
23.90	Spur, slopes S. 10° E.
45.235	The center ¼ sec. cor. of sec. 15.
65.075	<p>Point for the center W 1/16 sec. cor. of sec. 15.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} W\ 1/16 \\ \hline C \quad \quad \quad C \\ \hline S\ 15 \\ 1991 \end{array}</math> </div> <p>from which</p> <p style="padding-left: 40px;">A ponderosa pine, 28 ins. diam., bears S. 9¼° W., 716½ lks. dist., mkd. CW 1/16 S15 BT.</p> <p>No other suitable trees available.</p>

**Survey of the Thread of Henry Creek in Sections 19, 20, 29 and 30,  
T. 6 N., R. 38 E., Willamette Meridian, Oregon**

CHAINS	
N. 18° 41' 30" E., 2.695 chs.	
N. 40° 33' 30" E., 1.685 chs.	At 0.605 chs. intersect the line bet. secs. 19 and 20, 6.115 chs. N. 6° 20' 00" E. of the cor. of secs. 19, 20, 29, and 30; thence in sec. 20.
N. 2° 20' 00" E., 2.300 chs.	
N. 55° 54' 30" E., 2.765 chs.	
N. 29° 53' 30" E., 2.250 chs.	
N. 10° 55' 00" W., 1.510 chs.	
N. 49° 56' 00" E., 3.835 chs.	
N. 7° 17' 30" E., 2.240 chs.	
N. 49° 57' 30" E., 1.560 chs.	
N. 74° 45' 00" E., 2.730 chs.	
N. 33° 06' 00" E., 1.730 chs.	
N. 45° 14' 00" E., 6.640 chs.	
N. 53° 17' 30" E., 1.390 chs.	
N. 18° 16' 00" E., 1.540 chs.	
N. 51° 23' 30" E., 1.815 chs.	
N. 9° 14' 30" E., 1.670 chs.	
N. 43° 47' 00" E., 3.210 chs.	
N. 52° 04' 30" E., 2.455 chs.	
N. 25° 11' 30" E., 3.235 chs.	
N. 47° 13' 30" E., 0.920 chs.	At end of course, intersect the E. and W. center line of sec. 20, 22.460 chs. N. 89° 54' 00" E. of the ¼ sec. cor. of secs. 19 and 20.
<b>GENERAL DESCRIPTION</b>	
<p>The lands included in this survey are located approximately 15 miles southeast of Walla Walla, Washington, in Umatilla County, Oregon. Elevation ranges from 2200 feet to 5500 feet above sea level. The township is cut in half by Mill Creek with many smaller creeks draining into it. The land consists of steep ridges and spurs sloping into Mill Creek. That area east of Tiger Ridge contains the city of Walla Walla, Washington watershed.</p>	

## T. 6 N., R. 38 E., Willamette Meridian, Oregon

## CHAINS

The timber consists of fir, cedar, pine, yew, larch and alder. The timber is found mainly in the draws and on north slopes. In the wetter areas the undergrowth consists of young timber, salmonberry, vine maple, devils club, and Russian thistle. On the dry south and southeast slopes the undergrowth is grasses and star thistle.

The State boundary and that part of the township north of Mill Creek is accessed by Blue Creek Road. That part south of Mill Creek is accessed by Mill Creek Road, with graveled and dirt roads extending southerly into the township. The east one-half is accessed by Tiger Creek Road. The south boundary of the township is accessed from Government Road, off from Tiger Creek Road.

Improvements are mostly contained along Mill and Henry Creeks, consisting of homes and homesteads. A dam, water supply intake, and caretakers building for the water supply of Walla Walla, Washington, are located on Mill Creek in the northwest quarter of section 22.

The principal money making enterprises are the harvest of timber and the grazing of cattle. No evidence of any mining activity was observed in the area.

The mean magnetic declination for the area is 21° East, with a range of 3° in local attraction, as determined from a considerable number of readings taken along the lines surveyed.





CERTIFICATE OF SURVEY

We, Richard L. Johnson, Philip G. Griffin, Larry D. Holmes, and Richard R. Shatto, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 18th day of September 1987, and supplemental special instructions bearing date of the 9th day of May 1990, we have dependently resurveyed a portion of the Oregon and Washington State Boundary, and a portion of the south, east, and west boundaries and subdivisional lines, subdivided sections 14, 15, 20, 21, 22, and 26, and surveyed the metes-and-bounds of the thread of Henry Creek in sections 19, 20, 29, and 30, township 6 north, range 38 east, of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by us and under our 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.

3/31/93  
Date

Richard L. Johnson  
Cadastral Surveyor

4/08/93  
Date

Larry D. Holmes  
Cadastral Surveyor

4/08/93  
Date

Richard R. Shatto  
Cadastral Surveyor

May 5, 1993  
Date

Philip G. Griffin  
Cadastral Surveyor

CERTIFICATE OF APPROVAL

Bureau of Land Management  
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the Oregon and Washington State Boundary, and a portion of the south, east, and west boundaries and subdivisional lines, the subdivision of sections 14, 15, 20, 21, 22, and 26, and the metes-and-bounds survey of the thread of Henry Creek in sections 19, 20, 29, and 30, township 6 north, range 38 east, Willamette Meridian, Oregon, executed by Richard L. Johnson, Philip G. Griffin, Larry D. Holmes, and Richard R. Shatto, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

June 25, 1993  
Date

Wayne M. Gardner  
Chief Cadastral Surveyor of Oregon

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in T. 6 N., R. 38 E., Willamette Meridian, Oregon, is a true copy of the original field notes.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chief Cadastral Surveyor of Oregon