

R-647

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY  
OF THE UMATILLA INDIAN RESERVATION,  
A PORTION OF THE EAST BOUNDARY AND SUBDIVISIONAL LINES,  
AND  
THE SUBDIVISION OF SECTION 13,  
TOWNSHIP 2 SOUTH, RANGE 33 EAST,  
OF THE  
WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON

EXECUTED BY

Richard L. Johnson, Cadastral Surveyor

Under Special Instructions dated August 22, 1986, approved August 22, 1986,  
which provided for the surveys included under Group No. 1343,  
and Assignment Instructions dated July 13, 1987.

Survey commenced July 28, 1987

Survey completed May 26, 1990



# INDEX DIAGRAM

Township 2 SOUTH , Range 33 EAST ,

6	5	4	3	2	1
7	8	9	10	11	12 10 12
18	17	16	15	14	13 7 11
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Umatilla Indian Reservation Bdry: Pg. 2 to 6  
 Subdivision of Section 13 : Pg. 14 to 17



## T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary of the Umatilla Indian Reservation, a portion of the east boundary and subdivisional lines, and the subdivision of section 13, township 2 south, range 33 east, Willamette Meridian, Oregon.

The history of prior surveys that pertain to this resurvey is as follows:

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, surveyed the Umatilla Indian Reservation Boundary, the east boundary of the township, and a portion of the subdivisional lines.

In 1890, John C. Arnold, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines.

The survey was executed in accordance with the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 22, 1986, for Group No. 1343, Oregon.

Preliminary to the resurvey, the lines of the original surveys were retraced and a 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 at proportionate position based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines were determined by means of deflections from azimuths obtained by direct solar observations and refer to the true meridian. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at all corner monuments. The DEEP-1 is composed of strontium, encased in the color-coded plastic container. The units are 1 inch in diameter, 2½ inches long, weight 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 12 and 13, as determined from a tie to United States Coast and Geodetic Survey triangulation station "BIRCH," located in section 12, is as follows:

Latitude 45° 23' 52.76" N. Longitude 118° 37' 19.57" W.

The mean magnetic declination is 20° E.

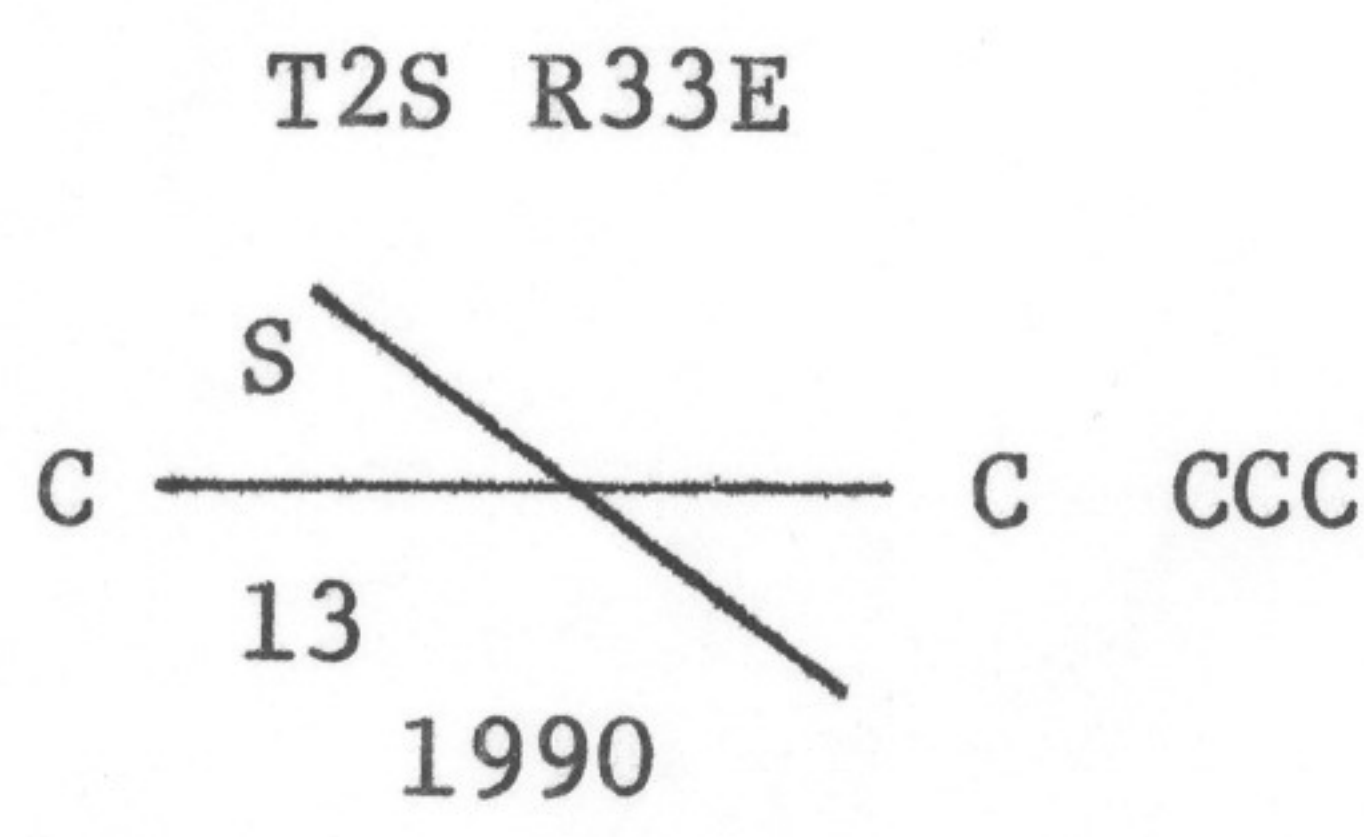


Dependent Resurvey of a Portion of  
the South Boundary of the Umatilla Indian Reservation,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
22.100	<p>Point for the First Angle Point on the 71st mile of the Umatilla Indian Reservation Boundary, 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., 8 ins. in the ground to solid rock, supported in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 2 S R33E   R34E UIR AP-1 S13     S18 1989</p> </div> <p>No suitable trees available</p> <p>Deposit a white "DEEP-1" magnetic marker at the base and set a steel fence post alongside the stainless steel post.</p> <p>The corner is located on Rocky Ridge, bears N. 50° W. and S. 50° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 49° 57' 30" W., beginning new measurement.</p> <p>Over level, rocky grassland.</p>
1.40	Barbed wire fence, 4 strands, bears N. 50° W. and S. 50° E.
5.950	<p>Point for the 70½ Mile Corner on the South Boundary of the Umatilla Indian Reservation, at proportionate distance; the original basalt stone, 10 x 10 x 10 ins., with chisel mark M, has been moved and was found in a rockjack NE. of this position.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to rock, supported in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>UIR 70½ M S 13 T 2 S R 33 E 1990</p> </div>



Dependent Resurvey of a Portion of  
the South Boundary of the Umatilla Indian Reservation,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
	<p>from which</p>
	<p>The NW. cor. of a wood frame rockjack, 4 x 4 x 4 ft., bears S. <math>1\frac{1}{2}^{\circ}</math> E., 312 lks. dist., in a barbed wire fence, 4 strands, bears N. <math>50^{\circ}</math> W. and S. <math>50^{\circ}</math> E.</p>
	<p>The SE. cor. of a wood frame rockjack, 4 x 4 x 4 ft., bears N. <math>78\frac{1}{2}^{\circ}</math> W., 316 lks. dist., in a barbed wire fence, 4 strands, bears N. <math>50^{\circ}</math> W. and S. <math>50^{\circ}</math> E.</p>
	<p>Deposit a white "DEEP-1" magnetic marker at the base and set the original stone and steel fence post alongside the stainless steel post.</p>
	<p>The corner is located 80 lks. N. of Rocky Ridge Road, dirt, 20 lks. wide, bears N. <math>50^{\circ}</math> W. and S. <math>50^{\circ}</math> E., and 130 lks. S. of a barbed wire fence, 4 strands, bears N. <math>50^{\circ}</math> W. and S. <math>50^{\circ}</math> E.</p>
11.20	<p>Rocky Ridge Road, dirt, 20 lks. wide, bears N. <math>40^{\circ}</math> W. and S. <math>40^{\circ}</math> E.</p>
26.80	<p>Rocky Ridge Road, dirt, 20 lks. wide, bears N. <math>50^{\circ}</math> W. and S. <math>50^{\circ}</math> E.</p>
28.055	<p>Point for the crossing closing corner, at intersection with the E. and W. center line of sec. 13.</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;">T2S R33E</p>  <p style="text-align: center;">1990</p>
	<p>from which</p>
	<p>The NW. cor. of a wood frame rockjack, 4 x 4 x 4 ft., bears S. <math>28\frac{1}{2}^{\circ}</math> E., 94 lks. dist., in a barbed wire fence, 4 strands, bears N. <math>40^{\circ}</math> W. and S. <math>40^{\circ}</math> E.</p>
	<p>A steel fence post, cemented in the ground, bears N. <math>71\frac{1}{2}^{\circ}</math> W., 89 lks. dist., in a barbed wire fence, 4 strands, bears N. <math>40^{\circ}</math> W. and S. <math>40^{\circ}</math> E.</p>



Dependent Resurvey of a Portion of  
the South Boundary of the Umatilla Indian Reservation,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS

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

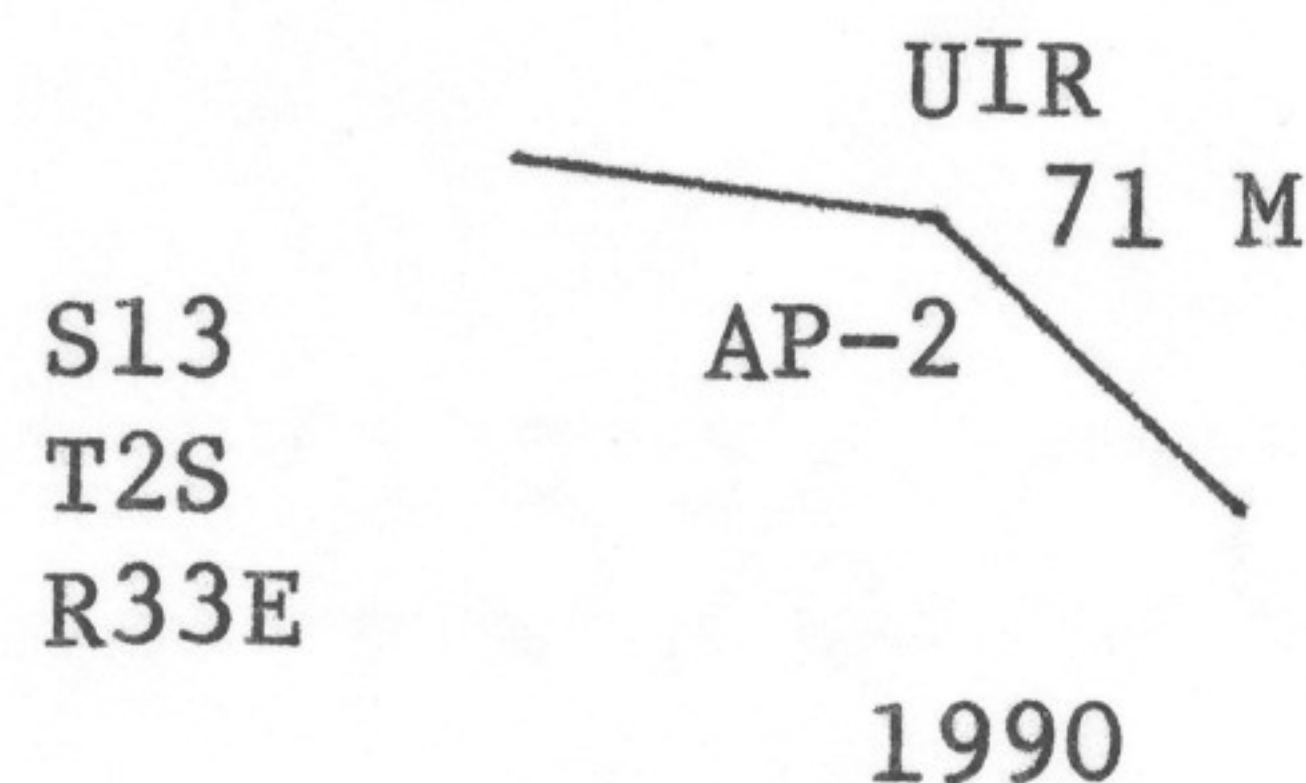
The corner is located 25 lks. W. of Rocky Ridge Road, dirt, 30 lks. wide, bears N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E., and 50 lks. E. of a barbed wire fence, 4 strand, bears N.  $50^{\circ}$  W. and S.  $50^{\circ}$  E.

46.290

The 71 Mile Corner on the S. bdy. of the Umatilla Indian Reservation, monumented with the original basalt stone, 10 x 8 x 8 ins., firmly set, protruding 6 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, mkd. UIR on the N. face and 71 MP on the S. face.

At the corner point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, to rock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.



from which

A steel fence post, cemented in the ground, bears S.  $18^{\circ}$  E.,  $98\frac{1}{2}$  lks. dist., in a barbed wire fence, 4 strand, bears N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E.

The NE. cor. of a wood frame rockjack, 4 x 4 x 4 ft., bears N.  $87\frac{1}{2}^{\circ}$  W.,  $93\frac{1}{2}$  lks. dist., in a barbed wire fence, 4 strand, bears N.  $40^{\circ}$  W. and S.  $50^{\circ}$  E.

Deposit a white "DEEP-1" magnetic marker at the base, set the original stone and a steel fence post alongside the stainless steel post.

The corner is located 75 lks. N. of a barbed wire fence, 4 strands, bears N.  $45^{\circ}$  W. and S.  $45^{\circ}$  E., and 140 lks. S. of an intersection of roads, dirt, 20 lks. wide, bears N.  $50^{\circ}$  E., N.  $55^{\circ}$  W., and N.  $35^{\circ}$  W.



Dependent Resurvey of a Portion of the East Boundary,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
	<p>(Restoring the survey by James P. Currin and James E. Noland, in 1887)</p> <hr/>
	<p>From the First Angle Point on the 71st mile of the Umatilla Indian Reservation Boundary, on the E. bdy. of T. 2 S., R. 33 E., hereinbefore described.</p>
	<p>N. 0° 25' 00" E., on the E. bdy. of sec. 13.</p>
	<p>Descend over NE. slope.</p>
10.50	<p>Ravine, drains N. 80° E.; asc SE. slope.</p>
18.160	<p>The <math>\frac{1}{4}</math> sec. cor. of sec. 13 only, monumented with the original mound of stone, 3 ft. base, 1 ft. high.</p>
	<p>At the corner point</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T2S R33E   R34E   ½   S13   1987</p>
	<p>Deposit a white "DEEP-1" magnetic marker at the base, set a steel fence post alongside the stainless steel post, and raise a mound of stone, 3 ft. base, 3 ft. high, W. of the corner.</p> <hr/>
	<p>N. 0° 31' 00" E., beginning new measurement.</p>
	<p>Over broken NE. slope, through scattering timber.</p>
2.65	<p>Dirt road, 15 lks. wide, bears N. 30° W. and S. 30° E.</p>
3.715	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of sec. 18 only, T. 2 S., R. 34 E., at midpoint latitudinally on the W. bdy. of sec. 18.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and supported in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>



Dependent Resurvey of a Portion of the East Boundary,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS

from which

A ponderosa pine, 26 ins. diam., bears S.  $5\frac{3}{4}^{\circ}$  W.,  
246 lks. dist., mkd.  $\frac{1}{4}$  S12 BT.

A ponderosa pine, 17 ins. diam., bears S.  $64\frac{1}{4}^{\circ}$  W.,  
 $278\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S12 BT.

Deposit a white "DEEP-1" magnetic marker at the base and set a  
steel fence post alongside the stainless steel post.

The corner is located on a gentle SE. slope, 5 lks. E. of a fence  
corner, 3 strands, barbed wire fences bear N. and W.

---

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

---

(Restoring the survey by James P. Currin and James E. Noland,  
in 1887, and the survey by John C. Arnold, in 1890)

From the cor. of secs. 13 and 24 only, on the E. bdy. of the Tp.  
S.  $89^{\circ} 35' 30''$  W., bet. secs. 13 and 24.

Descend steep W. slope, over open grassland.

3.75 Ravine, drains S.  $45^{\circ}$  W.; thence over broken SW. slope.

39.885 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 24, at proportionate  
distance; there is no remaining evidence of the original corner.

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

T 2 S R 33 E  
 $\frac{1}{4}$  S 13  
S 24  
1987

from which

A fir, 27 ins. diam., bears S.  $61^{\circ}$  W., 695 lks. dist.,  
mkd.  $\frac{1}{4}$  S24 BT.

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



Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
46.40	Creek, dry, 5 lks. wide, drains S. 40° W.
79.770	<p>The cor. of secs. 13, 14, 23, and 24, perpetuated by David H. Krumbein, Registered Land Surveyor No. 933, in 1983, monumented with an aluminum pipe, 2 ins. diam., firmly set, protruding 10 ins. above ground, in a collar of stone, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>T 2 S R 33 E  <u>S 14   S 13</u>  <u>S 23   S 24</u>            PLS 933            1983</p> </div> <p>from which the remains of the original bearing trees and a bearing object</p> <p>A root hole, bears N. 50° E., 204½ lks. dist., with a downed pine, 35 ins. diam., lying downhill, with scribe marks R33E on partially healed blaze. (Record, NE., 197 lks.)</p> <p>A ponderosa pine, 36 ins. diam., bears S. 71½° W., 240½ lks. dist., with healed blaze. (Record, S. 70° W., 250 lks.)</p> <p>A basalt stone ledge, 17 x 17 x 17 ft. above ground, bears S. 29° E., 33 lks. dist. (Record, SE.)</p> <p>The corner is located on a steep, rocky W. slope, 205 lks E. of a dry creekbed, 5 lks. wide, drains S.</p>
19.980	<hr/> <p>From the cor. of secs. 12 and 13 only, on the E. bdy. of the Tp. N. 89° 07' 30" W., bet. secs. 12 and 13.</p> <p>Over S. slope.</p> <p>Point for the E 1/16 sec. cor. of secs. 12 and 13.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>E 1/16 <u>S 12</u>  <u>S 13</u>            1987</p> </div> <p>from which</p>



Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
	<p>A fir, 10 ins. diam., bears S. <math>10\frac{1}{4}^{\circ}</math> E., 57 lks. dist., mkd. E 1/16 S13 BT.</p> <p>A fir, 14 ins. diam., bears N. <math>48\frac{1}{4}^{\circ}</math> W., 10 lks. dist., mkd. E 1/16 S12 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base and set a steel fence post alongside the stainless steel post.</p> <p>Ascend NE. slope, through timber and light undergrowth.</p>
31.45	Top of ascent, also dirt road, 20 lks. wide, bears N. $20^{\circ}$ E. and S. $20^{\circ}$ W.; desc. gentle SW. slope.
32.60	Dirt road, 20 lks. wide, bears N. $10^{\circ}$ W. and S. $10^{\circ}$ W.
39.960	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 12 and 13, determined at record bearing and distance from the remaining original bearing tree:</p> <p>A ponderosa pine, 27 ins. diam., bears S. <math>20^{\circ}</math> W., 151 lks. dist., with axe marks on upper blaze and lower healed blaze.</p> <p>and a bearing tree mkd. by person(s) unknown</p> <p>A ponderosa pine, 43 ins. diam., bears S. <math>86\frac{3}{4}^{\circ}</math> W., 260 lks. dist., with upper and lower healed blazes.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 2 S R 33 E</p> <p><math>\frac{1}{4}</math> <u>S 12</u></p> <p>S 13</p> <p>1987</p> </div> <p>Deposit a white "DEEP-1" magnetic marker at the base and set a steel fence post alongside the stainless steel post.</p> <p>The original basalt stone, 16 x 8 x 6 ins., mkd. <math>\frac{1}{4}</math>, was found in a disturbed position downhill from the corner, and was incorporated into the collar of stone.</p> <p>The corner is located on SW. slope.</p>



Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
	<p>From this point, the United States Coast and Geodetic Survey triangulation station "BIRCH 1916," bears N. 12° 27' 00" E., 30.430 chs. dist., monumented with a standard brass tablet, 3½ ins. diam., cemented in basalt bedrock, mkd. BIRCH 1916.</p> <hr/> <p style="text-align: center;">Subdivision of Section 13, T. 2 S., R. 33 E., Willamette Meridian, Oregon</p> <hr/> <p>From the ¼ sec. cor. of secs. 13 and 24. N. 0° 25' 00" E., on the N. and S. center line of sec. 13. Ascend over open, broken SW. slope.</p>
40.355	<p>Point for the center ¼ sec. cor. of sec. 13, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T 2 S R 33 E C ¼ S 13 1987</p> <p>Deposit a white "DEEP-1" magnetic marker at the base, set a steel fence post alongside the stainless steel post, and raise a mound of stone, 4 ft. base, 3 ft. high, N. of the corner.</p>
43.65	Top of ascent; thence over level land.
58.45	Barbed wire fence, 4 strands, bears E. and W.
60.670	<p>Point for the center N 1/16 sec. cor. of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">C N 1/16   S 13 C 1987</p>
	<p>from which</p> <p style="text-align: center;">The west gatepost, an iron post, 4 ins. diam., in a gate in an E. and W. barbed wire fence line, bears S. 29° 22' E., 261 lks. dist.</p>



Subdivision of Section 13,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
	<p>Deposit a white "DEEP-1" magnetic marker at the base and set a steel fence post alongside the stainless steel post.</p> <p>The corner is located on level grassland.</p>
69.90	Gravelled road, 20 lks. wide, bears N. 15° W. and S. 15° E.
72.65	Enter timber and light undergrowth.
78.30	Creek, dry, 3 lks. wide, drains N. 50° W.
80.985	The ¼ sec. cor. of secs. 12 and 13.
	<p>From the ¼ sec. cor. of sec. 13 only, on the E. bdy. of the Tp. S. 89° 43' 30" W., on the E. and W. center line of sec. 13.</p> <p>Over level open grassland.</p>
18.50	Barbed wire fence, 3 strands, bears N. 50° W. and S. 50° E.
19.945	Point for the center E 1/16 sec. cor. of sec. 13.
	<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;">C    <u>E 1/16</u>    C           S 13           1987</p>
	<p>Deposit a white "DEEP-1" magnetic marker at the base, set a steel fence post alongside the stainless steel post, and raise a mound of stone, 3 ft. base, 2 ft. high, N. of the corner.</p> <p>The corner is located on level rocky ground, 20 lks. N. of a dirt road, 15 lks. wide, bears N. 50° W. and S. 50° E.</p>
20.30	Dirt road, 15 lks. wide, bears N. 50° W. and S. 50° E.
21.35	Rocky Ridge Road, dirt, 30 lks. wide, bears N. 40° W. and S. 40° E.
21.610	<p>The crossing closing cor. at intersection with the Umatilla Reservation Boundary, hereinbefore described.</p> <p>From this point, the 71 Mile Corner on the S. bdy. of the Umatilla Reservation, bears N. 49° 57' 30" W., 18.235 chs. dist., hereinbefore described.</p>



422

Subdivision of Section 13,  
T. 2 S., R. 33 E., Willamette Meridian, Oregon

CHAINS	
22.35	Barbed wire fence, 4 strands, bears N. 50° W. and S. 50° E.
39.890	The center $\frac{1}{4}$ sec. cor. of sec. 13.
41.40	Spur, slopes S. 40° W.; desc. broken SW. slope.
71.75	Spur, slopes S. 10° W.
76.70	Ravine, drains S. 30° W.; asc. SE. slope.
80.025	<p>The original <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14, monumented with the original basalt stone, 24 x 10 x 6 ins., firmly set, protruding 6 ins. above ground, mkd. <math>\frac{1}{4}</math>.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 2 S R 33 E <math>\frac{1}{4}</math> S 14   S 13 1987</p> <p>Deposit a white "DEEP-1" magnetic marker at the base and the corner stone alongside the stainless steel post, and raise a mound of stone, 3 ft. base, 3 ft. high, W. of the corner.</p>
<hr/>	
From the center E 1/16 sec. cor. of sec. 13.	
N. 0° 27' 30" E., on the N. and S. center line of the NE $\frac{1}{4}$ of sec. 13.	
Over level grassland.	
1.25	Barbed wire fence, 3 strands, bears N. 50° W. and S. 50° E.
10.05	Creek, dry, 1 lk. wide, drains N. 30° E.
11.15	Creek, 2 lks. wide, course N. 80° E.; asc. SE. slope.
14.10	Dirt road, 15 lks. wide, bears N. 70° E. and S. 80° W.
16.45	Creek, dry, 1 lk. wide, drains N. 20° W.
20.120	Point for the NE 1/16 sec. cor. of sec. 13, at intersection with the E. and W. center line of the NE $\frac{1}{4}$ .



Subdivision of Section 13,  
T. 2 S., R. 33 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;">NE 1/16 S 13 1987</p> <p>from which</p> <p>A fir, 10 ins. diam., bears N. 78¾° E., 113½ lks. dist., mkd. NE 1/16 S13 BT.</p> <p>A ponderosa pine, 29 ins. diam., bears N. 2° W., 144 lks. dist., mkd. NE 1/16 S13 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base and set a steel fence post alongside the stainless steel post.</p> <p>The corner is located on a NW. slope, in timber and light undergrowth.</p>
24.20	Ravine, drains N. 45° E.; asc. SE. slope.
35.20	Spur, slopes E.
40.235	The E 1/16 sec. cor. of secs. 12 and 13.
	<hr/> <p>From the N 1/16 sec. cor. of sec. 13 only, on the E. bdy. of the Tp.</p> <p>N. 89° 42' 30" W., on the E. and W. center line of the NE¼ of sec. 13.</p> <p>Over level grassland.</p>
14.60	Spur, slopes N.; desc. NW. slope.
17.60	Dirt road, 15 lks. wide, bears N. 25° E. and S. 15° W.; desc. W. slope, through timber and light undergrowth.
19.965	The NE 1/16 sec. cor. of sec. 13.
22.65	Creek, dry, drains N. 35° E.; asc. SE. slope.
37.85	Dirt road, 20 lks. wide, bears N. 15° E. and S. 15° W.
38.60	Down fence line, bears N. and S.
39.930	The center N 1/16 sec. cor. of sec. 13.