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(December 1979)  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

R622

FIELD NOTES

818 217

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE WEST AND NORTH BOUNDARIES

AND

SUBDIVISIONAL LINES,

AND

SUBDIVISION OF SECTIONS 2, 3, 4, 6, 7, AND 8,

TOWNSHIP 5 NORTH, RANGE 31 EAST,

Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

William D. Kimmel, Cadastral Surveyor

Under special instructions dated May 14, 1980, approved May 15, 1980

Number 1015, which provided for the surveys included under U.S. Survey/Group  
and assignment instructions dated May 20, 1980.

Survey commenced June 9, 1980

Survey completed April 23, 1981



R055  
218

# FIELD NOTES

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## T. 5 N., R. 31 E., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the west and north boundaries and subdivisional lines and subdivision of sections 2, 3, 4, 6, 7, and 8, Township 5 North, Range 31 East, Willamette Meridian, Oregon.

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

The west boundaries of T. 4 N., R. 31 E., and T. 5 N., R. 31 E., were surveyed by David P. Thompson in 1859.

The south boundary (First Standard Parallel North) of T. 5 N., R. 30 E., was surveyed by H. J. G. Maxon and Jared S. Hurd in 1860.

The subdivisional lines of T. 4 N., R. 30 E., and the north boundary and subdivisional lines of T. 5 N., R. 30 E., were surveyed by Dolphus S. Payne in 1861. During the course of these surveys, Payne retraced the line between sections 19 and 24 on the east boundary of T. 5 N., R. 30 E., and the lines between sections 19 and 24, and sections 7 and 12, on the east boundary of T. 4 N., R. 30 E. Payne established new section corners along the north 3 miles of the east boundary of T. 4 N., R. 30 E., and tied in the old Thompson corners.

The south (First Standard Parallel North), east, and north boundaries of T. 5 N., R. 31 E., were surveyed by William H. Odell and William S. Lewis in 1865.

The south (First Standard Parallel North), east, and north boundaries were retraced and the subdivisional lines of T. 5 N., R. 31 E., were surveyed by Nicholas O. Walden in 1874.

The north boundary of T. 5 N., R. 30 E., was resurveyed by Charles M. Collier in 1911.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 14, 1980, under Group No. 1015, Oregon.

The directions of the lines were determined by deflections from azimuths obtained by direct solar observations.

Preliminary to the resurvey, the lines of the original survey 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 at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were used to reference certain corner monuments buried under the surface of cultivated land. 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 buried depth of 8 feet.

The geographic position of the corner of sections 8, 9, 16, and 17, as computed from a direct tie made to the United States Coast and Geodetic Survey triangulation station "JINGLE 1956", is as follows:



## T. 5 N., R. 31 E., Willamette Meridian, Oregon

## CHAINS

Latitude  $45^{\circ} 55' 16.8''$  N. Longitude  $118^{\circ} 57' 10.7''$  W.

The mean magnetic declination is  $20^{\circ}$  E.

Dependent Resurvey of a Portion of the West Boundary,  
T. 5 N., R. 31 E., Willamette Meridian, Oregon

(Restoring the survey by David P. Thompson, U.S. Deputy Surveyor, in 1859, the survey by H. J. G. Maxon and Jared S. Hurd, U.S. Deputy Surveyors, in 1860, the survey and retracement by Dolphus S. Payne, U.S. Deputy Surveyor, in 1861, the survey by William H. Odell and William S. Lewis, U.S. Deputy Surveyors, in 1865, the retracement by Nicholas O. Walden, U.S. Deputy Surveyor, in 1874, and the resurvey by Charles M. Collier, U.S. Surveyor, in 1911)

Beginning at the point for the cor. of secs. 13, 18, 19, and 24, determined by the irregular boundary method; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 43 ins. in the ground, the top 15 ins. below the surface of cultivated field, with brass cap mkd.

T 5 N	
R 30 E	R 31 E
S 13	S 18
S 24	S 19

1980

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 22 ins. in the ground, for a reference monument, bears N.  $35^{\circ}$  W., 689 lks. dist., with brass cap mkd. T5N R30E S13 RM 455 FT 1980 with an arrow pointing to the corner.

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 22 ins. in the ground, for a reference monument, bears N.  $68^{\circ}$  W., 682 lks. dist., with brass cap mkd. T5N R30E S13 RM 450 FT 1980 with an arrow pointing to the corner.

The corner of fences, extending N.  $40^{\circ}$  E. and W., bears N.  $68^{\circ}$  W., 974 lks. dist.

A yellow "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N.  $45^{\circ}$  E., 25 lks. dist.

A red "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S.  $45^{\circ}$  E., 25 lks. dist.

A blue "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S.  $45^{\circ}$  W., 25 lks. dist.

An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N.  $45^{\circ}$  W., 25 lks. dist.

From this point, the point for the standard cor. of Tps. 4 and 5 N., Rs. 30 and 31 E., bears S.  $0^{\circ} 08' E.$ , 240.77 chs. dist., at proportionate distance; there is no remaining evidence of the original corner.



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Dependent Resurvey, Portion of the W. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS									
80.28	<p>Descend 55 ft. over rolling land.</p> <p>Point for the cor. of secs. 1, 6, 7, and 12, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T 5 N</td></tr> <tr><td>R 30 E</td><td>R 31 E</td></tr> <tr><td>S 1</td><td>S 6</td></tr> <tr><td>S 12</td><td>S 7</td></tr> </table> <p>1980</p> </div> <p>Set a 5½ ft. steel fence post alongside the iron post.</p> <p>Land, rolling hills. Soil, sandy. Vegetation, sagebrush.</p>	T 5 N		R 30 E	R 31 E	S 1	S 6	S 12	S 7
T 5 N									
R 30 E	R 31 E								
S 1	S 6								
S 12	S 7								
40.14	<p>N. 0° 19' E., bet. secs. 1 and 6, through moderate sagebrush.</p> <p>Descend 80 ft. over rolling hills.</p> <p>Point for the ¼ sec. cor. of secs. 1 and 6, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T 5 N</td></tr> <tr><td>R 30 E</td><td>R 31 E</td></tr> <tr><td>¼</td><td></td></tr> <tr><td>S 1</td><td>S 6</td></tr> </table> <p>1980</p> </div> <p>Set a 5½ ft. steel fence post alongside the iron post.</p> <p>Descend 115 ft. over N. slope.</p>	T 5 N		R 30 E	R 31 E	¼		S 1	S 6
T 5 N									
R 30 E	R 31 E								
¼									
S 1	S 6								
46.95	<p>Draw, drains N. 80° E.; ascend 130 ft. over S. slope.</p>								
56.70	<p>High voltage power transmission line, bears N. 65° E. and S. 65° W.</p>								
58.00	<p>Dirt road, 15 lks. wide, bears E. and W.</p>								
77.85	<p>Top of ascent, slopes E.; desc. 50 ft. over NE. slope.</p>								
80.28	<p>The cor. of Tps. 5 and 6 N., Rs. 30 and 31 E., determined from the remains of the original bearing trees</p> <p>A decayed juniper stump, size indeterminate, buried 1 ft. below sand, bears N. 8½° E., 300 lks. dist., no marks visible.</p> <p>A sawed juniper stump, 20 ins. diam., bears S. 69½° E., 550 lks. dist., no marks visible.</p>								



Dependent Resurvey, Portion of the W. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS

and bearing trees mkd. by Collier

A juniper, 13 ins. diam., bears N. 5½° E.,  
264 lks. dist., with scribe marks T6N R31E S31  
visible on opened blaze. (Record, 261 lks.)

A juniper, 10 ins. diam., bears S. 78° E.,  
485 lks. dist., with scribe marks T5N R31E  
visible on partially open blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in  
the ground, in a mound of stone, 2 ft. base, to top, with  
brass cap mkd.

T 6 N	
R 30 E	R 31 E
S 36	S 31
S 1	S 6
T 5 N	
1980	

from which new bearing trees

A juniper, 12 ins. diam., bears N. 39° E.,  
427 lks. dist., mkd. T6N R31E S31 BT.

A juniper, 12 ins. diam., bears S. 78° E.,  
420 lks. dist., mkd. T5N R31E S6 BT.

No other trees available within limits.

Set a 5½ ft. steel fence post alongside the iron post.

Land, rolling hills.  
Soil, sandy.  
Vegetation, sagebrush.

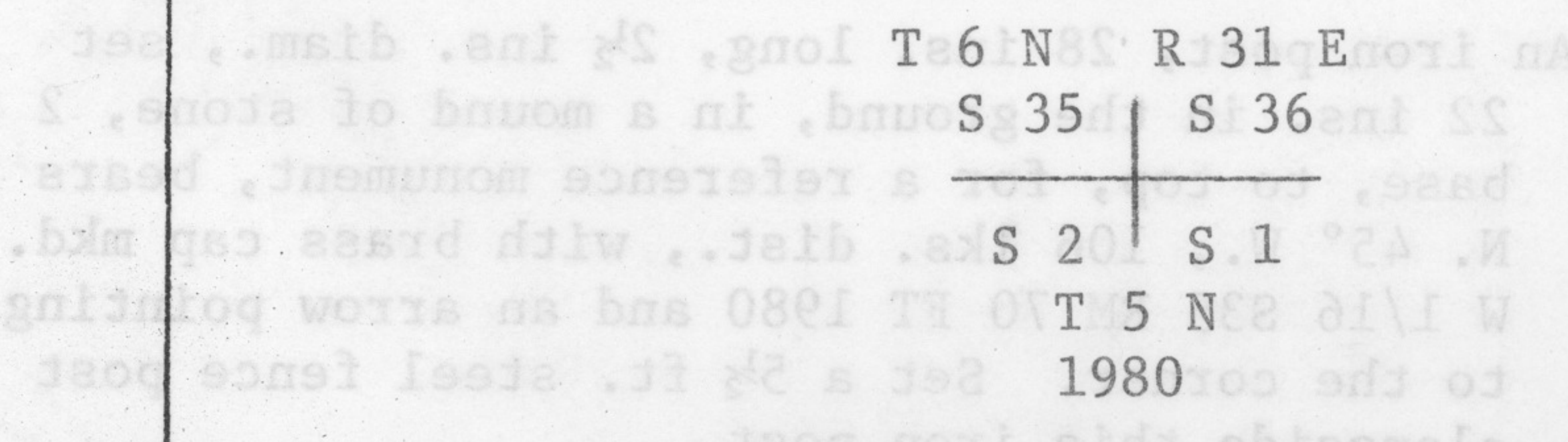
Dependent Resurvey of a Portion of the North Boundary,  
T. 5 N., R. 31 E., Willamette Meridian, Oregon

(Restoring the survey by William H. Odell and William S. Lewis, U.S. Deputy Surveyors, in 1865 and the retracement by Nicholas O. Walden, U.S. Deputy Surveyor, in 1874)

From the cor. of secs. 1, 2, 35, and 36, determined at intersection of barbed wire fences extending S. and W. This position is harmoniously related with identified existing corners in the area, has long been recognized by owners of the adjacent lands as the corner, and is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.





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Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS	
	S. 89° 51' W., bet. secs. 2 and 35, marking the true line.
	Descend 135 ft. over broken NW. slope, through moderate sagebrush.
14.20	Draw, drains N. 20° E.; asc. 140 ft. over E. slope.
17.50	Enter cultivated land, edge bears NW. and SE.
22.00	Top of ascent, slopes N.; desc. 110 ft. over W. slope.
34.10	Dirt road, 15 lks. wide, bears N. 10° W. and S. 25° E.
34.55	Draw, drains N. 15° W.; asc. 70 ft. over E. slope.
42.22	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 35, determined at intersection of barbed wire fences extending N. and W. This position is harmoniously related with identified existing corners in the area, has long been recognized by owners of the adjacent lands as the corner, and is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> <math display="block">\begin{array}{r} \frac{1}{4} \text{ S } 35 \\ \hline \text{S } 2 \\ \hline \text{T } 5 \text{ N} \\ \hline 1980 \end{array}</math> </p>
	<p>S. 89° 09' W., beginning new measurement.</p> <p>Descend slightly over rolling hills, through moderate sagebrush, along N. edge of cultivated land.</p>
16.70	Barbed wire fence, bears N. and S.; leave sagebrush, enter cultivated land, edge bears N. and S.; desc. 15 ft. over W. slope.
19.95	<p>Point for the W 1/16 sec. cor. of secs. 2 and 35.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 43 ins. in the ground, the top 15 ins. below the surface of cultivated field, with brass cap mkd.</p> <p style="text-align: center;"> <math display="block">\begin{array}{r} \text{W } 1/16 \text{ S } 35 \\ \hline \text{S } 2 \\ \hline 1980 \end{array}</math> </p> <p>from which</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, for a reference monument, bears N. 45° E., 103 lks. dist., with brass cap mkd. W 1/16 S35 RM 68 FT 1980 and an arrow pointing to the corner.</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, for a reference monument, bears N. 45° W., 106 lks. dist., with brass cap mkd. W 1/16 S35 RM 70 FT 1980 and an arrow pointing to the corner. Set a 5½ ft. steel fence post alongside this iron post.</p>



Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS	
	<p>The corner of fences extending S., E., and W., bears N. 78° E., 325 lks. dist.</p> <p>Descend 95 ft. over NW. slope.</p>
30.40	<p>Leave cultivated land, enter moderate sagebrush, edge bears NE. and SW.</p>
30.55	<p>Dirt road, 20 lks. wide, bears NE. and SW., also ravine, drains NE.; asc. 110 ft. over E. slope.</p>
39.90	<p>Point for the cor. of secs. 2, 3, 34, and 35, determined by the irregular boundary method; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 6 N R 31 E</p> <p>S 34   S 35</p> <hr style="width: 50%; margin: 0 auto;"/> <p>S 3   S 2</p> <p>T 5 N</p> <p>1980</p> </div> <p>from which</p> <p>A concrete cistern, 6 ft. diam., 6 ft. deep, bears N. 82° E., 274 lks. dist.</p> <p>Set a 5½ ft. steel fence post alongside the iron post.</p> <p>Corner is located on ridge, bears N. and S.</p> <p>Land, rolling hills.</p> <p>Soil, sandy.</p> <p>Vegetation, wheat and sagebrush.</p>
	<p>S. 89° 51' W., bet. secs. 3 and 34.</p> <p>Descend 125 ft. over W. slope, through moderate sagebrush.</p>
14.60	<p>Barbed wire fence, bears S. 20° E. and N. 20° W.</p>
22.20	<p>Draw, drains N.; asc. 85 ft. over broken E. slope.</p>
38.35	<p>Ridge, bears NE. and SW.; desc. 25 ft. over W. slope.</p>
40.35	<p>Point for the ¼ sec. cor. of secs. 3 and 34, determined by the irregular boundary method; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 6 N R 31 E</p> <p>S 34</p> <hr style="width: 50%; margin: 0 auto;"/> <p>¼</p> <p>S 3</p> <p>T 5 N</p> <p>1980</p> </div> <p>Set a 5½ ft. steel fence post alongside the iron post.</p>



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Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS

- Descend 30 ft. over W. slope.
- 42.20 Draw, drains N. 30° E.; asc. 130 ft. over broken E. slope.
- 51.60 Top of ascent, slopes N.; desc. 50 ft. over broken NW. slope.
- 60.50 Point for the W 1/16 sec. cor. of secs. 3 and 34.  
Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.  
S 34  
W 1/16  
Set an iron post, 28 ins. long, 2½ ins. diam., 1980  
Set a 5½ ft. steel fence post alongside the iron post.  
Descend 40 ft. over NW. slope.
- 66.45 Draw, drains N. 50° E.; asc. 40 ft. over broken SE. slope.
- 75.80 Spur, slopes S.; desc. 20 ft. over W. slope.
- 80.65 Point for the cor. of secs. 3, 4, 33, and 34, determined by the irregular boundary method; there is no remaining evidence of the original corner.  
Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.  
T 6 N R 31 E  
S 33 S 34  
S 4 S 3  
T 5 N  
1980  
Set a 5½ ft. steel fence post alongside the iron post.  
Land, rolling hills.  
Soil, sandy.  
Vegetation, sagebrush.
- S. 89° 19' W., bet. secs. 4 and 33.
- Ascend 60 ft. over broken S. slope, through moderate sagebrush.
- 8.00 Draw, drains S.; asc. slightly over SE. slope.
- 20.235 Point for the E 1/16 sec. cor. of secs. 4 and 33.  
Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.  
S 33  
E 1/16  
S 4  
1980  
Set a 5½ ft. steel fence post alongside the iron post.  
Ascend 15 ft. over broken SE. slope, through sand hills.



Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS		CHAINS
40.47	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 4 and 33, determined by the irregular boundary method; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 31 E S 33 <math>\frac{1}{4}</math> ————— S 4 T 5 N 1980</p> <p>Set a <math>5\frac{1}{2}</math> ft. steel fence post alongside the iron post.</p> <p>Corner is located at top of ascent, slopes S.</p>	
	<p>N. <math>89^{\circ} 52'</math> W., beginning new measurement.</p>	
	<p>Descend 55 ft. over broken SW. slope.</p>	
20.10	<p>Point for the W <math>\frac{1}{16}</math> sec. cor. of secs. 4 and 33.</p> <p>Set an iron 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;">S 33 W <math>\frac{1}{16}</math> ————— S 4 1980</p> <p>Set a <math>5\frac{1}{2}</math> ft. steel fence post alongside the iron post.</p> <p>Descend 50 ft. over broken SW. slope.</p>	
40.20	<p>Point for the cor. of secs. 4, 5, 32, and 33, determined by the irregular boundary method; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 31 E S 32 S 33 S 5 S 4 T 5 N 1980</p> <p>Set a <math>5\frac{1}{2}</math> ft. steel fence post alongside the iron post.</p> <p>Land, rolling hills. Soil, sandy. Vegetation, sagebrush.</p>	
	<p>S. <math>89^{\circ} 19'</math> W., bet. secs. 5 and 32.</p>	
	<p>Descend 170 ft. over broken NW. slope, through moderate sagebrush.</p>	
12.30	<p>Underground gas pipeline, bears N. <math>55^{\circ}</math> E. and S. <math>55^{\circ}</math> W.</p>	
40.36	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 5 and 32, determined by the irregular boundary method; there is no remaining evidence of the original corner.</p>	



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Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T 6 N R 31 E

S 32

¼

S 5

T 5 N

1980

Set a 5½ ft. steel fence post alongside the iron post.

N. 74° 17' W., beginning new measurement.

Descend 30 ft. over rolling land.

11.90 Descend 500 ft. over NW. slope into Juniper Canyon.

32.80 Juniper Creek, dry, 15 lks. wide, drains SW.; asc. slightly over nearly level land.

33.68 Point for the cor. of secs. 5, 6, 31, and 32, determined by the irregular boundary method; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

W 1/16

T 6 N R 31 E

S 31 S 32

S 6 S 5

T 5 N

1980

from which

A juniper, 14 ins. diam., bears N. 67° W., 158 lks. dist., mkd. T6N R31E S31 BT.

Land, rolling hills.

Soil, sandy.

Vegetation, sagebrush.

S. 89° 51' W., bet. secs. 6 and 31.

Over nearly level land, through moderate sagebrush.

2.65 Ascend 380 ft. over SE. slope.

26.50 Spur, slopes S.; desc. 440 ft. over W. slope.

37.90 Dirt road, 15 lks. wide, bears N. 30° W. and S. 30° E.

39.72 Point for the ¼ sec. cor. of secs. 6 and 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.



Dependent Resurvey, Portion of the N. Bdy.,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS	
	<p style="text-align: center;">T 6 N R 31 E S 31 <math>\frac{1}{4}</math> S 6 T 5 N 1980</p> <p>from which</p> <p>A juniper, 6 ins. diam., bears S. 62° W., 323 lks. dist., mkd. T5N R31E S6 BT.</p> <p>A juniper, 5 ins. diam., bears N. 9° W., 370 lks. dist., mkd. X BT.</p> <p>Descend 10 ft. over SW. slope.</p> <p>40.40 Juniper Creek, dry, 15 lks. wide, drains W. turning NW.; asc. 350 ft. over NE. slope.</p> <p>50.60 High voltage power transmission line, bears N. 40° E. and S. 40° W.</p> <p>57.00 Top of steep ascent; asc. 160 ft. over rolling land.</p> <p>80.43 The cor. of Tps. 5 and 6 N., Rs. 30 and 31 E., hereinbefore described.</p> <p>Land, mountainous. Soil, sandy. Vegetation, sagebrush and widely scattered juniper.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 5 N., R. 31 E., Willamette Meridian, Oregon</p> <hr/> <p style="text-align: center;">(Restoring the survey by Nicholas O. Walden, U.S. Deputy Surveyor, in 1874)</p> <p>From the cor. of secs. 1, 2, 11, and 12, determined at the intersection of barbed wire fences, extending N. and E. This position is harmoniously related with identified existing corners in the area, has long been recognized by owners of the adjacent lands as the corner, and is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 5 N R 31 E S 2   S 1 ----- S 11   S 12</p> <hr/> <p style="text-align: center;">1980</p> <p>from which</p> <p>A power pole, with a metal tag mkd. PPL 0531 PPL 028270, bears N. 31 3/4° E., 543 lks. dist.</p>



Subdivision of Section 8,  
T. 5 N., R. 31 E., Willamette Mer., Oregon

CHAINS	
20.10	Draw, drains S. 65° W.; asc. 40 ft. over rolling land.
39.87	The center S 1/16 sec. cor. of sec. 8.
	From the center W 1/16 sec. cor. of sec. 8.
	N. 0° 03' W., on the N. and S. center line of the NW $\frac{1}{4}$ of sec. 8.
	Descend 95 ft. over general N. slope, through scattering sagebrush.
0.60	Downed woven wire fence, bears E. and W.
19.97	Point for the NW 1/16 sec. cor. of sec. 8 at intersection with the E. and W. center line of the NW $\frac{1}{4}$ .
	Set an aluminum post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with aluminum cap mkd.
	NW 1/16 S 8
	1980
	Set a 5 $\frac{1}{2}$ ft. steel fence post alongside the aluminum post.
	Descend 10 ft. over N. slope.
22.30	Draw, drains NE.; asc. 60 ft. over SE. slope.
29.25	Top of ascent, slopes E.; desc. 80 ft. over N. slope.
38.30	Downed barbed wire fence, bears N. 80° E. and S. 80° W.
39.94	The W 1/16 sec. cor. of secs. 5 and 8.
	From the center N 1/16 sec. cor. of sec. 8.
	N. 88° 25' W., on the E. and W. center line of the NW $\frac{1}{4}$ of sec. 8.
	Ascend 10 ft. over NE. slope, through scattering sagebrush.
1.00	Barbed wire fence, bears N. and S.
3.40	Top of ascent, slopes N.; desc. 40 ft. over NW. slope.
10.95	Draw, drains N. 55° E.; asc. 10 ft. over NE. slope.
13.45	Top of ascent, slopes N.; desc. 35 ft. over NW. slope.
19.925	The NW 1/16 sec. cor. of sec. 8.
	Corner is located at bottom of descent, slopes N.; asc. 85 ft. over rolling land.
39.85	The N 1/16 sec. cor. of secs. 7 and 8.
	GENERAL DESCRIPTION
	The portion of Township 5 North, Range 31 East, which was resurveyed, is located approximately 4 $\frac{1}{2}$ miles north of the town of Holdman, Oregon. The area is



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T. 5 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

rolling terrain with elevations ranging from about 540 feet above sea level in Juniper Canyon on the north boundary of section 6 to about 1,580 feet above sea level on the line between sections 2 and 11.

The area is drained to the north by draws draining into Juniper Canyon and to the south by draws draining into Cold Springs Canyon. Water is scarce at most times of the year.

Access is gained by county and private roads which enter the area from Cold Spring Canyon and from Juniper Canyon.

The soil is sandy and subject to wind erosion. Portions of sections 2, 3, and 8 support dry land wheat farming. Sections 4, 5, 6, and 7 have areas of drifting sand, sagebrush, bunch grass, and cheat grass. Scattered Junipers are found on the slopes of Juniper Canyon. The area has a high range fire risk during dry periods.

There were no mineral deposits noted within the area.

The average of several readings throughout the area gives a value of 20° E. for the mean magnetic declination.

There is a range of 0° 30' due to local attraction.

22.30	Draw, drains NW; asc. 60 ft. over SE slope.
28.25	Top of ascent, slopes E; desc. 80 ft. over N. slope.
38.30	Downed barbed wire fence, bears N. 80° E. and S. 80° W.
39.94	The W 1/16 sec. cor. of secs. 2 and 8.
1.00	Barbed wire fence, bears N. and S.
3.40	Top of ascent, slopes N; desc. 40 ft. over NW slope.
10.95	Draw, drains N. 25° E.; asc. 10 ft. over NE slope.
13.45	Top of ascent, slopes N; desc. 35 ft. over NW slope.
19.925	The NW 1/16 sec. cor. of sec. 8.
39.85	The N 1/16 sec. cor. of secs. 7 and 8.

GENERAL DESCRIPTION

The portion of Township 5 North, Range 31 East which was surveyed, is located approximately 4 1/2 miles north of the town of Holdman, Oregon. The area is



Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Richard S. Tandlich	Surveying Technician
Timothy J. Ingraham	Land Surveyor (Student Trainee)
Richard W. Gardner	Surveying Aid

CERTIFICATE OF APPROVAL

The foregoing field notes of the dependent survey of a portion of the west and north boundaries and subdivision lines, and the subdivision of sections 2, 3, 4, 6, 7, and 8, Township 5 North, Range 31 East, Willamette Meridian, Oregon, executed by William D. Kimmel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

*William W. Blum*  
 Chief Cadastral Surveyor and Assistant  
 (Date) October 14, 1983

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described survey is a true copy of the original field notes.

*William W. Blum*  
 Chief Cadastral Surveyor of Oregon  
 (Date) \_\_\_\_\_



CERTIFICATE OF SURVEY

(I) ~~XXX~~, William D. Kimmel, Cadastral Surveyor, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of May, 19 80, (I) ~~XXX~~ have dependently resurveyed a portion of the west and north boundaries and subdivisional lines, and subdivided sections 2, 3, 4, 6, 7, and 8, Township 5 North, Range 31 East,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by (me), ~~XXX~~ and under (my) ~~XXX~~ 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.

January 7, 1982

(Date)

*William D. Kimmel*

(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Denver, Colorado  
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the west and north boundaries and subdivisional lines, and the subdivision of sections 2, 3, 4, 6, 7, and 8, Township 5 North, Range 31 East, Willamette Meridian, Oregon,

executed by William D. Kimmel, Cadastral Surveyor,

having been critically examined and found correct, are hereby approved.

October 14, 1983

(Date)

*William W. Glenn*

(Chief, Cadastral Survey Examination and Approval Staff)  
Chief Cadastral Surveyor of Oregon

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, is a true copy of the original field notes.

(Date)

(Chief, Cadastral Survey Examination and Approval Staff)  
Chief Cadastral Surveyor of Oregon