

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R622

FIELD NOTES

163

181

OF THE

DEPENDENT RESURVEY OF THE WEST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

AND

SUBDIVISION OF SECTIONS 27, 28, 29, 31, 32, 33, AND 34,

TOWNSHIP 6 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

_____, which provided for the surveys included under U.S. Survey/Group
Number 1015, and assignment instructions dated July 3, 1980,
and April 1, 1981.

Survey commenced July 7, 1980

Survey completed May 8, 1981

R055

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FIELD NOTES

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OF THE
DEPENDENT RESURVEY OF THE WEST BOUNDARY,
A PORTION OF THE SUBDIVISIONAL LINES,
AND
SUBDIVISION OF SECTIONS 27, 28, 29, 31, 32, 33, AND 34.

INDEX DIAGRAM

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T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of the west boundary, a portion of the subdivisional lines, and subdivision of sections 27, 28, 29, 31, 32, 33, and 34, Township 6 North, Range 31 East, Willamette Meridian, Oregon.

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

The west boundary of the township was surveyed by H. J. G. Maxon and Jared S. Hurd in 1860.

The south and east boundaries of the township were surveyed by William H. Odell and William S. Lewis in 1865.

The boundary between the states of Oregon and Washington (north boundary of the township), was surveyed by Daniel G. Major in 1866.

The south and west boundaries of the township were resurveyed, the first, third and fifth miles of the boundary between Oregon and Washington were retraced, the subdivisional lines were surveyed, and the left bank of the Columbia River within Oregon was meandered by Nicholas O. Walden in 1874.

The west boundary of the township 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 2, 3, 34, and 35 on the south boundary of the township, as computed from a direct tie made to the United States Coast and Geodetic Survey triangulation station "Pearson 1956", is as follows:

Latitude 45° 56' 58.4" N. Longitude 118° 54' 44.8" W.

The mean magnetic declination is 20° E.

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Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS
19.965

Point for the S 1/16 sec. cor. of secs. 27 and 28.

Set an aluminum post, 28 ins. long, 2½ ins. diam., 46 ins. in the ground, the top 18 ins. below the surface of cultivated land, with aluminum cap mkd.

S 1/16

S 28

S 27

1980

from which

A red "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° E., 25 lks. dist.

An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° W., 25 lks. dist.

Descend 150 ft. over W. slope changing to NW.

32.10

Wire fence, bears NE. and SW.; leave cultivated land, enter moderate sagebrush.

37.50

Dirt road, 15 lks. wide, bears N. 65° E. and S. 65° W.

38.45

Draw, drains S. 70° W.; asc. 70 ft. over SE. slope.

39.93

Point for the ¼ sec. cor. of secs. 27 and 28, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 15 ins. in the ground, to solid rock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T 6 N R 31 E

¼

S 28

S 27

1980

Ascend 85 ft. over SE. slope changing to S.

43.00

Enter cultivated land, edge bears NE. and SW.

46.00

Spur, slopes SW.; desc. 85 ft. over broken W. slope.

60.00

Leave cultivated land, edge bears NE. and SW., enter moderate sagebrush.

76.85

Draw, drains S. 50° W.; asc. 55 ft. over SE. slope.

79.86

Point for the cor. of secs. 21, 22, 27, and 28, at proportionate distance; there is no remaining evidence of the original corner.

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

T 6 N R 31 E

S 21

S 22

S 28

S 27

1980

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

Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

From this point, the point for the closing cor. of secs. 15 and 16, at proportionate distance, on the Oregon-Washington State Boundary (N. bdy. of T. 6 N., R. 31 E., Willamette Meridian, Oregon), bears N. $1^{\circ} 24'$ E., 123.14 chs. dist.; there is no remaining evidence of the original corner.

Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 46 ins. in the ground, the top, 18 ins. below the surface of cultivated land, with aluminum cap mkd.

S 16	S 15
------	------

T 6 N	R 31 E
-------	--------

CC

1980

from which

A yellow "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° E., 25 lks. dist.

An aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 45° E., $22\frac{1}{2}$ lks. dist., with aluminum cap mkd. T6N R31E S15 CC RM 15 FT 1980 with an arrow pointing to the corner.

An aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 45° W., $22\frac{1}{2}$ lks. dist., with aluminum cap mkd. T6N R31E S16 CC RM 15 FT 1980 with an arrow pointing to the corner.

An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° W., 25 lks. dist.

From this point, the Initial Point (0 Mile Corner), on the Oregon-Washington State Boundary, bears S. $89^{\circ} 44'$ W., 163.14 chs. dist., determined from ties to landmarks, described by Majors

The extreme north westerly and highest point of the last bluff on the E. side of the Columbia River, ascending toward the mouth of the Walla Walla River and town of Wallula, Washington, bears N. $29^{\circ} 27' 10''$ E., approximately $3\frac{3}{4}$ miles dist.

The next well-defined bluff, bears N. $34^{\circ} 09'$ E., approximately 3 miles dist.

A point of rocks, about 100 ft. higher than the corner, bears S. $41^{\circ} 30'$ E., about 8 chs. dist., (Record, S. $42^{\circ} 39'$ E.)

A rocky bluff, about 60 ft. high, bears S. $5^{\circ} 23'$ E., about 10 chs. dist., (Record, S. $3^{\circ} 10'$ E.)

Northerly edge of small rocky bluff, bears S. $42^{\circ} 06'$ W. (Record, S. $44^{\circ} 01' 20''$ W.)

Point of a rocky bluff descending toward the Columbia River, bears S. $56^{\circ} 24'$ W. (Record, S. $55^{\circ} 46' 20''$ W.)

The extreme northwesterly point of a circular bluff, bears N. $4^{\circ} 26' 30''$ W., approximately 2 miles dist.

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Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

O M

WASH

ORE

1980

from which

An iron post, 28 ins. long, 2½ ins. diam., set 16 ins. in the ground, to solid rock, supported in a mound of stone, 3 ft. base, to top, for a reference monument, bears S. 49° E., 162 lks. dist., with brass cap mkd. RM 107 FT 1980 with an arrow pointing to the corner.

An aluminum post, 28 ins. long, 2½ ins. diam., set 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, to top, for a reference monument, bears S. 5° W., 363½ lks. dist., with aluminum cap mkd. RM 240 FT 1980 with an arrow pointing to the corner.

The corner is located on railroad grade, 21 lks. SE. of Union Pacific railroad track, bears N. 40° E. and S. 40° W.

From this same point, the 9 Mile Corner on the Oregon-Washington State Boundary bears N. 89° 44' E., 573.39 chs. dist., monumented with a mound of stone, 4 ft. base, 1½ ft. high.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

9 M

WASH

ORE

1980

From this point, a United States Coast and Geodetic Survey station bears S. 75° 42' W., 5.96 chs. dist., monumented with a standard brass tablet, 3½ ins. diam., set in a concrete railroad abutment, with top mkd. COAST AND GEODETIC SURVEY K378 1943 SURVEY MARK and a horizontal line.

These control lines were fully retraced and careful search was made for evidence of intervening corners, none of which were recovered.

Land, rolling hills.
Soil, volcanic ash.
Vegetation, sagebrush and wheat.

From the cor. of secs. 22, 23, 26, and 27.

S. 89° 53' W., bet. secs. 22 and 27.

Descend 130 ft. over SW. slope changing to W. across cultivated land.

Dependent Resurvey of
 a Portion of the Subdivisional Lines,
 T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS							
38.00	Enter cultivated land, edge bears NE. and SW.						
39.83	Point for the 1/4 sec. cor. of secs. 28 and 29, at proportionate distance; there is no remaining evidence of the original corner.						
	Set an aluminum post, 28 ins. long, 2 1/2 ins. diam., 46 ins. in the ground, the top 18 ins. below the surface of cultivated land, with aluminum cap mkd.						
	<div style="text-align: center;"> <p>T 6 N R 31 E</p> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 29</td> <td style="border-right: 1px solid black; padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">1980</td> </tr> </table> </div>	S 29	S 28	1980			
S 29	S 28						
1980							
	from which						
	An aluminum post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 65° E., 126 lks. dist., with aluminum cap mkd. T6N R31E 1/4 S28 RM 83 FT 1980 with an arrow pointing to the corner. Set a 5 1/2 ft. steel fence post alongside the aluminum post.						
	A red "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° E., 25 lks. dist.						
	An aluminum post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 25° E., 106 lks. dist., with aluminum cap mkd. T6N R31E 1/4 S28 RM 70 FT 1980 with an arrow pointing to the corner.						
	An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° W., 25 lks. dist.						
	Ascend 20 ft. over SE. slope.						
43.00	Spur, slopes SW.; desc. 25 ft. over SW. slope.						
53.50	Leave cultivated land, edge bears NE. and SW.; enter light sagebrush.						
61.00	Draw, drains S. 20° W.; asc. 180 ft. over SE. slope.						
69.00	High voltage power transmission line, bears N. 40° E. and S. 40° W.						
79.66	Point for the cor. of secs. 20, 21, 28, and 29, at proportionate distance; there is no remaining evidence of the original corner.						
	Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.						
	<div style="text-align: center;"> <p>T 6 N R 31 E</p> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 20</td> <td style="border-right: 1px solid black; padding: 0 5px;">S 21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 29</td> <td style="border-right: 1px solid black; padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">1980</td> </tr> </table> </div>	S 20	S 21	S 29	S 28	1980	
S 20	S 21						
S 29	S 28						
1980							
	Set a 5 1/2 ft. steel fence post alongside the iron post.						

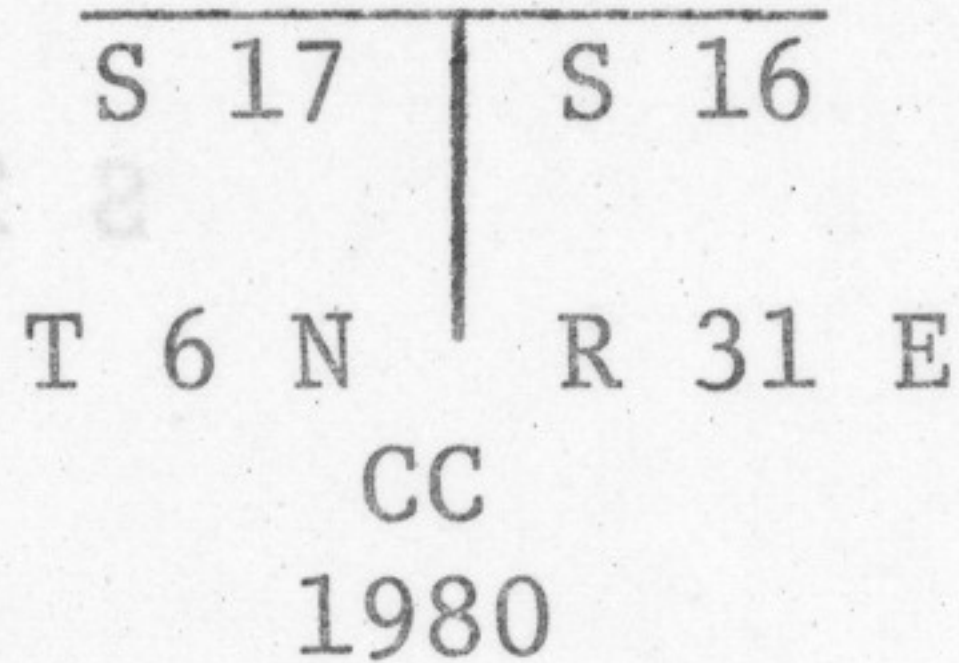
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Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

From this point, the point for the closing cor. of secs. 16 and 17, at proportionate distance on the Oregon-Washington State Boundary (N. bdy. of T. 6 N., R. 31 E., Willamette Meridian, Oregon), bears N. $0^{\circ} 33'$ E., 123.47 chs. dist.; there is no remaining evidence of the original corner.

Set an aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 46 ins. in the ground, the top 18 ins. below the surface of cultivated land, with aluminum cap mkd.



from which

A yellow "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° E., 25 lks. dist.

An aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 45° E., $63\frac{1}{2}$ lks. dist., with aluminum cap mkd. T6N R31E S16 CC RM 42 FT 1980 with an arrow pointing to the corner.

A red "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° E., 25 lks. dist.

An aluminum post, 28 ins. long, $2\frac{1}{2}$ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 45° W., $69\frac{1}{2}$ lks. dist., with aluminum cap mkd. T6N R31E S17 CC RM 46 FT 1980 with an arrow pointing to the corner.

A blue "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° W., 25 lks. dist.

An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° W., 25 lks. dist.

From this point, the Initial Point (0 Mile Corner) on the Oregon-Washington State Boundary, bears S. $89^{\circ} 44'$ W., 80.92 chs. dist., hereinbefore described.

From this same point, the 9 Mile Corner on the Oregon-Washington State Boundary, bears N. $89^{\circ} 44'$ E., 655.61 chs. dist., hereinbefore described.

These control lines were fully retraced and careful search was made for evidence of intervening corners, none of which were recovered.

Land, rolling hills.
Soil, volcanic ash.
Vegetation, sagebrush and wheat.

From the cor. of secs. 21, 22, 27, and 28.

S. $89^{\circ} 27'$ W., bet. secs. 21 and 28.

Ascend 220 ft. over broken SE. slope through moderate sagebrush.

Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS	
67.60	Wire fence, bears N. 10° E. and S. 10° W.; leave cultivated land; enter moderate sagebrush.
77.63	<p>The cor. of secs. 30 and 31 only, on the W. bdy. of the Tp.</p> <p>Land, rolling hills. Soil, volcanic ash. Vegetation, wheat and sagebrush.</p>
	<p>From the cor. of secs. 29, 30, 31, and 32.</p>
	<p>N. 1° 21' E., bet. secs. 29 and 30.</p>
	<p>Descend 15 ft. over rolling W. slope, across cultivated land.</p>
30.00	Slope changes to NW.; desc. 80 ft. over NW. slope.
31.65	Power line and dirt road, bears N. 60° E. and S. 60° W.; leave cultivated land, enter moderate sagebrush.
34.20	Wire fence, bears N. 40° E. and S. 40° W.
39.80	<p>Point for the ¼ sec. cor. of secs. 29 and 30, 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>
	<p style="text-align: center;"> T 6 N R 31 E S 30 S 29 1980 </p> <p>Set a 5½ ft. steel fence post alongside the iron post.</p> <p>Descend 80 ft. over broken NW. slope.</p>
45.45	Draw, drains N. 70° W.; asc. 40 ft. over broken W. slope.
47.40	Spur, slopes W.; desc. 65 ft. over broken NW. slope.
53.50	Dirt road, 15 lks. wide, bears N. 80° E. and S. 70° W., also draw, drains SW.; asc. 220 ft. over broken SE. slope.
74.75	Enter cultivated land, edge bears NE. and SW.
79.60	<p>Point for the cor. of secs. 19, 20, 29, and 30, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an aluminum post, 28 ins. long, 2½ ins. diam., 46 ins. in the ground, the top 18 ins. below the surface of cultivated land, with aluminum cap mkd.</p>
	<p style="text-align: center;"> T 6 N R 31 E S 19 S 20 S 30 S 29 1980 </p> <p>from which</p>

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Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

A yellow "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° E., 25 lks. dist.

An aluminum post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 85° E., 379 lks. dist., with aluminum cap mkd. T6N R31E S20 RM 250 FT 1980 with an arrow pointing to the corner.

A red "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° E., 25 lks. dist.

An aluminum post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 20° E., 341 lks. dist., with aluminum cap mkd. T6N R31E S29 RM 225 FT 1980 with an arrow pointing to the corner. Set a 5½ ft. steel fence post alongside the aluminum post.

A blue "Deep 1" magnetic marker, buried 2 ft. in the ground, bears S. 45° W., 25 lks. dist.

An orange "Deep 1" magnetic marker, buried 2 ft. in the ground, bears N. 45° W., 25 lks. dist.

From this point, the point for the closing cor. of secs. 17 and 18, at proportionate distance on the Oregon-Washington State Boundary (N. bdy. of T. 6 N., R. 31 E., Willamette Meridian, Oregon), bears N. 0° 36' W., 114.64 chs. dist.; there is no remaining evidence of the original corner.

Set an aluminum post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with aluminum cap mkd.

S 18	S 17
T 6 N	R 31 E
CC	
1980	

from which

The marks X B0 chiseled on rock outcrop bears S. 68 ¾° E., 129 lks. dist.

The marks X B0 chiseled on rock outcrop bears S. 9° E., 165 lks. dist.

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

Corner is located on talus slope, slopes NW.

From this point, the Initial Point (0 Mile Corner), on the Oregon-Washington State Boundary, bears S. 89° 44' W., 5.72 chs. dist., hereinbefore described.

From this same point, the 9 Mile Corner on the Oregon-Washington State Boundary, bears N. 89° 44' E., 730.81 chs. dist., hereinbefore described.

These control lines were fully retraced and careful search was made for evidence of intervening corners, none of which were recovered.

Land, rolling hills.
Soil, volcanic ash.
Vegetation, wheat and sagebrush.

Subdivision of Section 34,
T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS	
6.90	Rim of Juniper Canyon, bears E. and SW.; desc. 320 ft. over NW. slope.
15.70	Juniper Creek, dry, 20 lks. wide, drains S. 70° W.; asc. 115 ft. over broken S. slope.
17.80	Wire fence, bears N. 65° E. and S. 65° W.
19.955	Point for the NW 1/16 sec. cor. of sec. 34, at intersection with the E. and W. center line of the NW 1/4.
	Set an aluminum post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to solid rock, supported in a mound of stone, 2 1/2 ft. base, to top, with aluminum cap mkd.
	NW 1/16 S 34
	1981
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the corner.
	Ascend 270 ft. over steep broken S. slope.
30.00	Top of steep ascent, bears E. and W.; asc. 80 ft. over gentle S. slope.
39.92	The W 1/16 sec. cor. of secs. 27 and 34.
	From the center N 1/16 sec. cor. of sec. 34.
	S. 89° 51' W., on the E. and W. center line of the NW 1/4 of sec. 34.
	Descend 135 ft. over W. slope through moderate sagebrush.
4.50	Draw, drains S. 10° W.; asc. 70 ft. over SE. slope.
8.00	Slope changes; desc. 30 ft. over broken S. slope.
20.215	The NW 1/16 sec. cor. of sec. 34.
	Descend 10 ft. over SW. slope.
21.20	Draw, drains S. 25° E.; asc. 120 ft. over broken SE. slope.
30.00	Top of ascent, slopes S.; desc. 125 ft. over SW. slope.
35.30	Draw, drains S. 20° W.; asc. 45 ft. over broken S. slope changing to SW.
36.35	Dirt road, 15 lks. wide, bears N. 30° E. and S. 30° W.
40.44	The N 1/16 sec. cor. of secs. 33 and 34.
	GENERAL DESCRIPTION
	The portion of Township 6 North, Range 31 East, which was surveyed, lies approximately 7 miles north of the town of Holdman, Oregon. The area is rolling terrain with elevations ranging from about 500 feet above sea level in Juniper Canyon on the west boundary of section 31 to about 1,600 feet above sea level on the line between sections 22 and 27.

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T. 6 N., R. 31 E., Willamette Meridian, Oregon

CHAINS

Section 30 and the northwest portion of section 29 are drained by draws draining northwesterly into the Columbia River. The balance of the area is drained to the south by draws draining into Juniper Canyon. Water is scarce at most times of the year.

Access is gained by private roads which enter the area from Juniper Canyon in section 34 and by U.S. Highway No. 395 which runs along the Columbia River.

The soil is sand and volcanic ash and is subject to wind erosion. Portions of all the sections surveyed support dry land wheat farming. The balance of the area is covered with sagebrush and grass. Scattered junipers are found on the slopes of Juniper Canyon.

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° to 30' due to local attraction.

Ascend 270 ft. over steep broken S. slope.	
Top of steep ascent, bears E. and W.; sec. 80 ft. over gentle S. slope.	30.00
The W 1/16 sec. cor. of secs. 27 and 34.	39.92
From the center N 1/16 sec. cor. of sec. 34.	
S. 89° 51' W., on the E. and W. center line of the NW 1/4 sec. 34.	
Descend 135 ft. over W. slope through moderate sagebrush.	
Draw, drains S. 10° W.; sec. 70 ft. over SE. slope.	4.50
Slope changes; desc. 30 ft. over broken S. slope.	8.00
The NW 1/16 sec. cor. of sec. 34.	20.215
Descend 10 ft. over SW. slope.	
Draw, drains S. 25° E.; sec. 120 ft. over broken SE. slope.	21.20
Top of ascent, slope S.; desc. 125 ft. over SW. slope.	30.00
Draw, drains S. 20° W.; sec. 45 ft. over broken S. slope changing to SW.	35.30
Dirt road, 15 lks. wide, bears N. 30° E. and S. 30° W.	36.35
The N 1/16 sec. cor. of secs. 33 and 34.	40.44

GENERAL DESCRIPTION

The portion of Township 6 North, Range 31 East which was surveyed, lies approximately 7 miles north of the town of Holman, Oregon. The area is rolling terrain with elevations ranging from about 500 feet above sea level in Juniper Canyon on the west boundary of section 31 to about 1,600 feet above sea level on the line between sections 22 and 27.

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)
Robert B. Fink	Land Surveyor (Student Trainee)
Richard W. Gardner	Surveying Aid
James T. Edwards	Surveying Aid

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

William D. Kimmel
 (Cadastral Surveyor)
 February 1, 1982
 (Date)

CERTIFICATE OF APPROVAL
 BUREAU OF LAND MANAGEMENT
 Denver, Colorado
 Portland, Oregon

The foregoing field notes of the dependent survey of the west boundary, a portion of the subdivision lines, and the subdivision of sections 27, 28, 29, 31, 32, 33, and 34, Township 6 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. Thomas
 (Chief, Cadastral Survey Examination and Approval Staff)
 Chief Cadastral Surveyor of Oregon
 October 14, 1983
 (Date)

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

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CERTIFICATE OF SURVEY

Form 9600-11
(August 1979)

(I) (~~XX~~) 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 the west

boundary, a portion of the subdivisional lines, and subdivided sections

27, 28, 29, 31, 32, 33, and 34, Township 6 North, Range 31 East,

Robert B. Pink

Richard W. Gardner

James T. Edwards

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 instruc-

tions, 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.

February 1, 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 the west boundary, a portion of the subdivisional lines, and the subdivision of sections 27, 28, 29, 31, 32, 33, and 34, Township 6 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