

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
TOWNSHIP 3 NORTH, RANGE 35 EAST,
AND
THE DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
SUBDIVISIONAL LINES, AND SUBDIVISION-OF-SECTION LINES
OF SECTION 6, AND SUBDIVISION OF SECTION 6,
TOWNSHIP 2 NORTH, RANGE 35 EAST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Daniel E. Weller, Cadastral Surveyor
Richard L. Johnson, Cadastral Surveyor
Robert J. Mayorga, Cadastral Surveyor

Under Special Instructions dated October 13, 1988, approved October 20, 1988,
which provided for the surveys included under Group No. 1471,
and Assignment Instructions dated October 17, 1988, and June 13, 1990.

Survey commenced November 8, 1988

Survey completed July 26, 1990

INDEX DIAGRAM

TOWNSHIP 2 NORTH

RANGE 35 EAST

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

Subdivision of Section 6Pages 10-17

T. 2 N., R. 35 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary, township 3 north, range 35 east, and of a portion of the west boundary and subdivisional lines, and subdivision-of-section lines of section 6, and subdivision of section 6, township 2 north, range 35 east, Willamette Meridian, Oregon.

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

In 1866, William H. Odell, U.S. Deputy Surveyor, surveyed the south boundary of township 3 north, range 35 east.

In 1871, Zenas F. Moody, U.S. Deputy Surveyor, surveyed the west boundary of township 2 north, range 35 east, and the south boundary of township 3 north, range 35 east.

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, resurveyed the north and west boundaries of township 2 north, range 35 east, and subdivided the township and certain sections. Currin and Noland do not mention Odell's or Moody's surveys and their survey supersedes the 1866 survey by Odell and the 1871 survey by Moody.

In 1889, James P. Currin, U.S. Deputy Surveyor, resurveyed a portion of the west boundary and subdivisional lines of township 2 north, range 35 east, and subdivided certain sections.

In 1917-19, C. E. Redfield, Surveyor for the U. S. Indian Service, retraced certain section lines, remonumented corners, subdivided sections by the three mile method, and established corners. The field notes of the Redfield surveys are on file at the Umatilla Indian Reservation Agency Office in Mission, Oregon.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and Special Instructions dated October 13, 1988, for Group No. 1471, Oregon.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the record. 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 forth by means of sustained angulation.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials and used to reference 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.

T. 2 N., R. 35 E., Willamette Meridian, Oregon

CHAINS

The geographic position (NAD 1927) of the corner of sections 32 and 33 only, on the south boundary of township 3 north, range 35 east, as determined by a tie to triangulation station "EAGLE," established by the National Geodetic Survey in 1963, is as follows:

Latitude 45° 41' 15.90" N. Longitude 118° 27' 16.47" W.

The mean magnetic declination is 20° East.

**Dependent Resurvey of a Portion of the South Boundary,
T. 3 N., R. 35 E., Willamette Meridian, Oregon**

(Restoring the survey by James P. Currin and
James E. Noland in 1887)

Beginning at the cor. of secs. 32 and 33, perpetuated by C. E. Redfield, Indian Service Surveyor, in 1917-19, from original evidence no longer in existence, recovered, recorded, and used in a private survey by David H. Krumbien, Registered Land Surveyor No. 933, in 1970; monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 8 ins. high, with brass cap mkd.

T3N	
S32	S33
T2N R35E	

From this point, the National Geodetic Survey triangulation station "EAGLE," 1963, bears N. 35° 26' 00" E., 300.510 chs. dist., monumented with a concrete post, 12 ins. square, firmly set flush with the ground surface, with a brass tablet, 3 ins. diam., seated in the top, mkd. EAGLE 1963 and a triangle.

S. 89° 51' 00" W., on the S. bdy. of sec. 32.

Descend over broken S. slope, through light timber and medium undergrowth.

40.055

Point for the $\frac{1}{4}$ sec. cor. of sec. 32 only, 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., 21 ins. in the ground, with brass cap mkd.

T3N	R35E
$\frac{1}{4}$	S 32
1990	

from which

A cottonwood, 23 ins. diam., bears S. 52 $\frac{1}{2}$ ° W., 135 $\frac{1}{2}$ lks. dist., mkd. X BT.

A cottonwood, 12 ins. diam., in a clump of cottonwood, bears N. 60 $\frac{1}{4}$ ° W., 15 $\frac{1}{2}$ lks. dist., mkd. X BT.

Dependent Resurvey of a Portion of the South Boundary,
T. 3 N., R. 35 E., Willamette Meridian, Oregon

CHAINS	
	<p style="text-align: center;">INDIAN ALLOTMENT T3N 1/16 <u>3 S31</u></p> <p>from which a new reference monument</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 16 ins. in the ground, in a mound of stone, 2½ ft. base, to top, for a reference monument, bears S. 30° E., 20 lks. dist., with brass cap mkd. RM E1/16 S31 13.2 FT TO COR 1990 and an arrow pointing to the corner.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 31' 30" W., beginning new measurement.</p> <p>Ascend broken S. slope.</p>
18.580	<p>The ¼ sec. cor. of sec. 6 only, T. 2 N., R. 35 E., established by C. E. Redfield, Indian Service Surveyor, in 1917-19, recovered, recorded, and used in private surveys in 1971 by David H. Krumbein, Registered Land Surveyor No. 933, and in 1982 by William R. Wells, Registered Land Surveyor No. 1106, and is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">S31 <u>T3N R35E</u> 1/4 S6 T2N R35E</p> <p>from which</p> <p style="padding-left: 40px;">A pink "DEEP-1" magnetic marker, buried 12 ins. in the ground, bears S. 45° E., 30 lks. dist.</p> <p style="padding-left: 40px;">A blue "DEEP-1" magnetic marker, buried 16 ins. in the ground, bears S. 45° W., 15 lks. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 02' 30" W., beginning new measurement.</p> <p>Continue over broken S. slope.</p>
1.440	<p>The ¼ sec. cor. of sec. 31 only, reestablished at proportionate position by C. E. Redfield, Indian Service Surveyor, in 1917-19, recovered, recorded, and used in a private survey in 1970 by David H. Krumbein, Registered Land Surveyor No. 933. There is no remaining evidence of the original corner, therefore this position is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 24 ins. above the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">1/4 S31 <u>T3N R35E</u> S6 T2N R35E</p> <hr style="width: 20%; margin: 10px auto;"/>

Dependent Resurvey of a Portion of the South Boundary,
T. 3 N., R. 35 E., Willamette Meridian, Oregon

CHAINS									
	S. 89° 24' 00" W., beginning new measurement. Continue along broken S. slope.								
0.50	Draw, 30 lks. wide, drains S.								
18.590	The W 1/16 sec. cor. of sec. 6 only, T. 2 N., R. 35 E., established by C. E. Redfield, Indian Service Surveyor, in 1917-19, and is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">S31</td></tr> <tr><td style="border-right: 1px solid black;">T3N</td><td>R35E</td></tr> <tr><td style="border-right: 1px solid black;">1/16 9</td><td>S6</td></tr> <tr><td style="border-right: 1px solid black;">T2N</td><td>R35E</td></tr> </table>	S31		T3N	R35E	1/16 9	S6	T2N	R35E
S31									
T3N	R35E								
1/16 9	S6								
T2N	R35E								
	from which								
	A pink "DEEP-1" magnetic marker, buried 8 ins. in the ground, bears S. 45° E., 20 lks. dist.								
	A blue "DEEP-1" magnetic marker, buried 10 ins. in the ground, bears S. 45° W., 20 lks. dist.								
	The corner is located at the corner of old barbed wire fences, extending S. and W.								

	S. 89° 18' 00" W., beginning new measurement. Continue over broken S. slope, along barbed wire fence.								
1.435	The W 1/16 sec. cor. of sec. 31 only, established by C. E. Redfield, Indian Service Surveyor, in 1917-19, and is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T3N R35E</td></tr> <tr><td style="border-right: 1px solid black;">1/16 14</td><td>S31</td></tr> <tr><td colspan="2" style="text-align: center;">S6</td></tr> <tr><td colspan="2">T2N R35E</td></tr> </table>	T3N R35E		1/16 14	S31	S6		T2N R35E	
T3N R35E									
1/16 14	S31								
S6									
T2N R35E									
	from which								
	A silver "DEEP-1" magnetic marker, buried 12 ins. in the ground, bears N. 45° E., 10 lks. dist.								
	The corner is located 5 lks. N. of barbed wire fence, extending E. and W.								

	S. 89° 18' 30" W., beginning new measurement. Continue along broken S. slope, generally along a barbed wire fence.								
13.690	Point for the closing cor. of Tps. 2 N., Rs. 34 and 35 E., hereinafter described.								

**Dependent Resurvey of a Portion of the South Boundary,
T. 3 N., R. 35 E., Willamette Meridian, Oregon**

CHAINS	
20.000	<p>The cor. of Tps. 3 N., Rs. 34 and 35 E., perpetuated by C. E. Redfield, Indian Service Surveyor, in 1917-19, from original evidence no longer in existence, monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p align="center"> T3N S36 S31 <u>R34E R35E</u> S1 T2N R34E </p> <p>from which</p> <p align="center">A silver "DEEP-1" magnetic marker, buried 12 ins. in the ground, bears N. 45° E., 20 lks. dist.</p> <hr/> <p align="center">Dependent Resurvey of a Portion of the West Boundary, T. 2 N., R. 35 E., Willamette Meridian, Oregon</p> <hr/> <p align="center">(Restoring the resurvey by James P. Currin and James E. Noland in 1887)</p> <hr/> <p>From the $\frac{1}{4}$ sec. cor. of secs. 1 and 6 on the W. bdy. of the Tp., perpetuated by C. E. Redfield, Indian Service Surveyor, in 1917-19, from original evidence no longer in existence, recovered, and recorded in a private survey by William R. Wells, Registered Land Surveyor No. 1106, in 1989; monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p align="center"> S1 R34E T2N $\frac{1}{4}$ $\frac{1}{4}$ T2N R35E S6 </p> <p>from which a new reference monument</p> <p align="center">A stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 60° W., 34.8 lks. dist., with brass cap mkd. RM $\frac{1}{4}$ S1 23.0 FT TO COR T2N R34E 1988 and an arrow pointing to the corner. Deposit white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>N. 1° 07' 00" W., bet. secs. 1 and 6.</p> <p>Along W. edge of graveled road, 30 lks. wide, bears N.</p>
13.80	Umatilla River, 200 lks. wide, course S. 50° W.; asc. over broken S. slope.
19.50	Union Pacific Railroad, bears NE. and SW.

Subdivision of Section 6,
T. 2 N., R. 35 E., Willamette Meridian, Oregon

CHAINS	
	N. 88° 01' 00" W., on the N. bdy. of the S $\frac{1}{2}$ of the S $\frac{1}{2}$ of the N $\frac{1}{2}$ of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 6.
1.85	County Road NO. 900, asphalt surface, 30 lks. wide, bears N. 35° E. and S. 35° W.
2.40	Union Pacific Railroad, bears N. 80° E. and S. 80° W.
14.890	The 1/1024 sec. cor. on the N. and S. center line of sec. 6.
GENERAL DESCRIPTION	
<p>Township 2 North, Range 35 East is located approximately 16 miles east of Pendleton, Oregon. The small community of Thorn Hollow, Oregon, is located in section 5.</p>	
<p>The Umatilla River meanders through the northerly portion of section 6 with several seasonal creeks draining the section. Elevations range from about 1500 feet above sea level along the river bottom, to about 2100 feet above sea level at the corner of sections 5, 6, 7, and 8. The majority of the township is covered with rolling ground, cultivated with various grains. The soil is very rocky along the river, but is almost rock free in the sandy wheatfields.</p>	
<p>Access is by way of County Road No. 900 which generally parallels the Umatilla River, and the Union Pacific Railroad.</p>	
<p>The vegetation along the Umatilla River and creek bottoms consists of very dense undergrowth of willow, sumac, blackberry, and wild rose, with scattered pine, cottonwood, and fir timber.</p>	
<p>There were no mineral deposits noted along the lines surveyed.</p>	
<p>The mean magnetic declination is 20° East, as shown on the United States Geological Survey quadrangle "THORN HOLLOW, OREG.," 7$\frac{1}{2}$ minute series, dated 1964.</p>	

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