

T. 15 S., R. 27 E., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of section 30, Township 15 South, Range 27 East, Willamette Meridian, Oregon.

The history of the official surveys pertaining to this survey is as follows:

In 1881, Samuel W. Lackland, U.S. Deputy Surveyor, surveyed the west boundary and subdivisional lines, as shown on the official plat of survey approved November 5, 1881.

In 1881, Mark A. Fullerton, U.S. Deputy Surveyor, retraced the east boundary of T. 15 S., R. 26 E. and surveyed the subdivisional lines of that township, as shown on the official plat of survey approved March 7, 1882.

In 1980-81, Thomas E. Casinger and Rick E. Tawney, Cadastral Surveyors, resurveyed a portion of the east boundary, T. 15 S., R. 26 E., as shown on the official plat of survey accepted May 25, 1984.

The following surveys and corner restorations filed in the Grant County Surveyors office are referred to in subsequent corner description and are referenced by date, surveyor's name, Professional Land Surveyor (PLS) No. or official title, and file no.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1979	James R. Tye, PLS No. 1104	V-25

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions, (2009), and the special instructions dated September 30, 2011, for Group No. 2636, Oregon.

The direction of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through GPS and conventional survey techniques. Measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. The adjusted mean bearings and horizontal ground elevation distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey the lines of the official original survey and resurvey were retraced and search was made for all corners, lines, other calls of the record, and, where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions; lost corners were reestablished and monumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the corner description field notes are given herein.

Each new bearing tree has a 2 1/2 inch x 1/4 inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.

The geographic position in NAD 1983 (CORS 96) (EPOCH:2002.0000) of the following corners as determined by a tie from a temporary GPS control point, established, utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS):

T. 15 S., R. 27 E., Willamette Meridian, Oregon

The corner of sections 19, 24, 25, and 30 on the west boundary of the township.

Latitude: $44^{\circ} 14' 51.69''$ N. Longitude: $119^{\circ} 32' 03.64''$ W.

The 1/4 section corner of sections 30 and 31.

Latitude: $44^{\circ} 13' 59.15''$ N. Longitude: $119^{\circ} 31' 30.91''$ W.

**Dependent Resurvey of a Portion of the West Boundary,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 25 and 30 on the W. bdy. of the Tp., monumented with the original basalt stone, 20 x 16 x 8 ins. (Record, 20 x 20 x 12 ins.), firmly set, projecting 8 ins. above ground, with the marks 1/4 on top.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. diam., 12 ins. high, with brass cap mkd.

T 15 S	
1/4	
R 26 E	R 27 E
S 25	S 30
2011	

from which

A juniper, 17 ins. diam., bears N. 83 1/2° E., 55.9 ft. dist., mkd. 1/4 S30 BT.

A juniper, 8 ins. diam., bears N. 59° W., 88.5 ft. dist., mkd. 1/4 S25 BT.

Deposit a magnet in a white plastic case at the base, and bury the original stone alongside the stainless steel post.

Corner is located in a dilapidated fence, with fences extending northerly and southerly.

**Dependent Resurvey of a Portion of the West Boundary,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

The cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the top of a mound of stone, 3 ft. diam., 18 ins. high, with an aluminum cap mkd.

T 15 S	
R 26 E	R 27 E
S 24	S 19

S 25	S 30
1980	

from which the original bearing tree

- A juniper, 19 ins. diam., bears S. 7° W., 3.4 ft. dist., with scribe marks S25 T15 R2 visible on opened blaze (Record, 2.6 ft. dist.). This tree also serves as a fence cor., with fences extending southerly and westerly.

and the bearing trees marked by Casinger and Tawney

- A juniper, 28 ins. diam., bears N. 41° E., 55.1 ft. dist., with scribe marks T15S R27E S19 BT visible on partially healed blaze (Record, N. 47° E., 56.1 ft. dist.).
- A juniper, 17 ins. diam., bears S. 71 1/2° E., 53.8 ft. dist., with scribe marks T15S R27E S30 BT visible on partially healed blaze (Record, S. 66° E., 56.1 ft. dist.).
- A juniper, 11 ins. diam., bears N. 78° W., 39.9 ft. dist., with scribe marks T15S R26E S24 BT visible on partially healed blaze (Record, N. 70° W., 40.6 ft. dist.).

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 30 and 31, monumented with the original basalt stone, 15 x 8 x 6 ins., firmly set, projecting 8 ins. above ground, in a collar of stone, with the marks 1/4 on west face.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, in a mound of stone, 3 1/2 ft. diam., 18 ins. high, with brass cap mkd.

T 15 S R 27 E
S 30
1/4 ———
S 31
2011

from which

A juniper, 11 ins. diam., bears S. 66° W., 26.8 ft. dist., mkd. 1/4 S31 BT.

A juniper, 8 ins. diam., bears N. 59° W., 26.3 ft. dist., mkd. 1/4 S30 BT.

Deposit a magnet in a white plastic case at the base and bury the original stone alongside of the stainless steel post.

Corner is located in the remains of an old fence, with dilapidated wood fence posts extending northerly and southerly, and 96.5 ft. east of a fence, extending northerly and southerly.

A search was made for the original line tree bet. secs. 30 and 31 west of this cor., but it was not recovered.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

Point for the W 1/16 sec. cor. of secs. 30 and 31.

Drive a FENO galvanized iron post, 24 ins. long, 21/32 in. diam., 24 ins. into the ground, with brass cap mkd.

S 30
W 1/16 ———
S 31
2011

from which

A juniper, 8 ins. diam., bears N. 35 1/2° E., 68.7 ft. dist., mkd. W1/16 S30 BT.

A juniper, 7 ins. diam., bears S. 85° E., 53.7 ft. dist., mkd. W1/16 S31 BT.

Deposit a magnet in a white plastic case alongside of the FENO galvanized iron post.

Corner is located on east edge of a juniper, 14 ins. diam., with a blaze at base facing the cor.

The cor. of secs 25, 30, 31, and 36, on the W. bdy. of the Tp., perpetuated by James R. Tye, PLS 1104, in 1979, from original evidence no longer in existence; monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, in a collar of stone, with an aluminum cap mkd.

U.S. DEPT. OF AGRICULTURE
UNLAWFUL TO DISTURB
T 15 S
R 26 E | R 27 E
S 25 | S 30

S 36 | S 31
RLS 1104
1979
CADASTRAL SURVEY
FOREST SERVICE

from which the bearing trees marked by Tye

A juniper, 14 ins. diam., bears N. 45 1/4° E., 213.4 ft. dist., with scribe marks 15S R27E S30 BT visible on partially healed blazes and a brass tag, 1 1/4 ins. diam., mkd. LS 1104 in face of the lower blaze.

A pine, 18 ins. diam., bears S. 51 1/2° W., 188.8 ft. dist., with a healed blaze.

Corner is located in bottom land, east, 92 ft. dist., of a fence which bears N 45° E and S 45° W.

Drive a steel fence post alongside the aluminum post.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

The cor. of secs. 29, 30, 31, and 32, monumented with a mound of stone, 2 1/2 ft. diam., 10 ins. high, and is accepted as the best available evidence of the original cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a collar of stone, with brass cap mkd.

T 15 S	R 27 E
S 30	S 29
S 31	S 32
2011	

from which

- A juniper, 11 ins. diam., bears N. 59° E., 19.1 ft. dist., mkd. T15S R27E S29 BT.
- A juniper, 20 ins. diam., bears S. 48° E., 41.3 ft. dist., mkd. X BT.
- A juniper, 7 ins. diam., bears S. 28 1/2° W., 39.0 ft. dist., mkd. T15S R27E S31 BT.
- A juniper, 8 ins. diam., bears N. 33° W., 41.3 ft. dist., mkd. X BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located on the NW. side of a fence cor., with dilapidated wire fences extending easterly and southerly.

Point for the 1/4 sec. cor. of secs. 29, and 30, reestablished at proportionate dist., there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, in a mound of stone, 3 1/2 ft. diam., 18 ins. high, with a brass cap mkd.

T 15 S R 27 E	
1/4	
S 30	S 29
2011	

from which new bearing trees

- A juniper, 10 ins. diam., bears S. 36° E., 44.2 ft. dist., mkd. 1/4 S29 BT.
- A juniper, 14 ins. diam., bears S. 71 1/2° W., 51.4 ft. dist., mkd. 1/4 S30 BT.

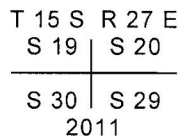
Deposit a magnet in a white plastic case at the base of the stainless steel post.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

The cor. of secs. 19, 20, 29, and 30, monumented with a mound of stone, 3 ft. diam., 12 ins. high, and is accepted as the best available evidence of the original cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. diam., 10 ins. high, with brass cap mkd.



from which

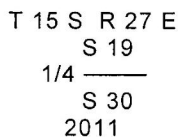
- A juniper, 13 ins. diam., bears N. 53 1/4° E., 110.1 ft. dist., mkd. T15S R27E S20 BT.
- A juniper, 19 ins. diam. at base, bears S. 79° E., 72.5 ft. dist., mkd. X BT.
- A juniper, 15 ins. diam., bears S. 77 3/4° W., 105.2 ft. dist., mkd. T15S R27E S30 BT.
- A juniper, 19 ins. diam., bears N. 17° W., 43.0 ft. dist., mkd. T15S R27E S19 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located at the intersection of dilapidated fences, with dilapidated wire fences extending easterly, southerly, and westerly.

Point for the 1/4 sec. cor. secs. 19 and 30, reestablished at proportionate dist., there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.



from which

- A juniper, 5 ins. diam., bears N. 7° E., 62.2 ft. dist., mkd. X BT.
- A juniper, 13 ins. diam., bears S. 22° W., 26.1 ft. dist., mkd. 1/4 S30 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Corner is located south, 18 ft. dist., of a fence extending easterly and westerly.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

Point for the W 1/16 sec. cor. of secs. 19 and 30.

Set a Mag Nail, point is located in an aggressive loose rock/ rock slide area, not suitable for monumentation.

from which

- A FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., driven 24 ins. in the ground for a reference monument, bears S. 35° 23' 49" E, 121.26 ft. dist., with brass cap mkd. RM2 W1/16 S30 121.26 FT TO COR 2011 and an arrow pointing to the cor.
- A FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., driven 24 ins. in the ground for a reference monument, bears S. 09° 45' 12" E, 57.68 ft. dist., with brass cap mkd. RM1 W1/16 S30 57.8 FT TO COR 2011 and an arrow pointing to the cor.

Deposit a magnet in a white plastic case alongside and drive a steel fence post alongside of the FENO galvanized iron posts.

Subdivision of Section 30,
T. 15 S., R. 27 E., Willamette Meridian, Oregon

Point for the center 1/4 sec. cor. of sec. 30, at intersection of the N. and S. center line with the E. and W. center line.

Drive a FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 15 S R 27 E
C 1/4 S 30
2011

from which

A juniper, 10 ins. diam., bears S. 85° E., 23.9 ft. dist., mkd. C1/4 S30 BT.

A juniper, 20 ins. diam., bears N. 46° W., 27.5 ft. dist., mkd. C1/4 S30 BT.

Deposit a magnet in a white plastic case alongside of the FENO galvanized iron post.

Corner is located west, 2 ft. dist., of fence extending northerly and southerly.

Point for the center N 1/16 sec. cor. of sec. 30.

Drive a FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., 23 ins. in the ground with brass cap mkd.

C
N 1/16 | S 30
C
2011

from which

A juniper, 6 ins. diam., bears N. 82° E., 15.6 ft. dist., mkd. X BT.

A juniper, 7 ins. diam., bears S. 20° W., 67.7 ft. dist., mkd. CN1/16 S30 BT.

Deposit a magnet in a white plastic case and drive a steel fence post alongside of the FENO galvanized iron post.

**Subdivision of Section 30,
T. 15 S., R. 27 E., Willamette Meridian, Oregon**

Point for the center W 1/16 sec. cor. of sec. 30.

Drive a FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., 24 ins. in the ground, with brass cap mkd.

W 1/16
C ————— C
S 30
2011

from which

A juniper, 5 ins. diam., bears N. 68° E., 11.9 ft. dist., mkd. X BT.

A juniper, 11 ins. diam., bears N. 54° W., 70.4 ft. dist., mkd. CW1/16 S30 BT.

Deposit a magnet in a white plastic case and drive a steel fence post alongside of the FENO galvanized iron post.

Point for the NW 1/16 sec. cor. of sec. 30, at intersection of the N. and S. center line with the E. and W. center line of the NW 1/4.

Drive a FENO galvanized iron post, 24 ins. long, 21/32 ins. diam., 21 ins. in the ground, with brass cap mkd.

NW 1/16 S 30
2011

from which

A twin top Juniper, 21 ins. diam., bears S. 23 3/4° W., 99.9 ft. dist., mkd. X BT.

Deposit a magnet in a white plastic case and drive a steel fence post alongside of the FENO galvanized iron post.

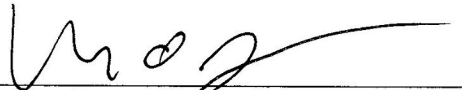
Corner is located west, 60 ft. dist., of U.S.F.S. Road No. 47, dirt surface, bears NE. and SW. and on the right bank of the South Fork John Day River, bears NE. and SW.

CERTIFICATE OF SURVEY

I, Michael O. Jones, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing the approval date of 30th day of September, 2011, and assignment instructions bearing the date of 30th day of September, 2011, I have dependently resurveyed a portion of the west boundary and subdivisional lines, and subdivided section 30, Township 15 South, Range 27 East, Willamette Meridian, Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions, and in the specific manner described in the foregoing field notes.

9-7-12

(Date)



(Cadastral Surveyor)

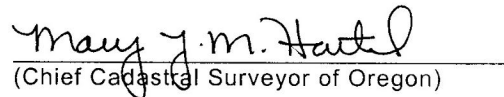
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of section 30, Township 15 South, Range 27 East, Willamette Meridian, Oregon, executed by Michael O. Jones, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 16, 2012

(Date)



(Chief Cadastral Surveyor of Oregon)

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**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY
OF A PORTION OF THE WEST BOUNDARY,
AND THE SUBDIVISION OF SECTION 19,
TOWNSHIP 39 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Kevin G. Mulder, Cadastral Surveyor

Under Special Instructions approved August 17, 2011,
which provided for the surveys included under Group No. 2611,
and Assignment Instructions dated August 17, 2011.

Survey commenced August 23, 2011

Survey completed October 18, 2011