

**Narrative**

**Purpose:**  
This survey is an administrative survey within the boundary of the Umatilla National Forest. This survey was performed under Wallowa-Whitman National Forest Task Order No. 1204T020F0044, dated May 24, 2020, with Notice to Proceed dated June 1, 2020, also known as the High Buck Wilderness Boundary Phase 2. Robert Moyers and Ken Lind, USFS, were the Contracting Officer Representatives (CORs), and provided technical support and consultation.

The purpose of the survey is to post and mark three separate portions of the North Fork Umatilla Wilderness Boundary. The lines to post and mark are as delineated by Umatilla National Forest within said contract, and defined by the North Fork Umatilla Wilderness description as: "where following a topographical feature, the actual location of the feature will control the approximate course identifying that part of the boundary. Unless specified in the description, calls to a stream shall be to the thread and calls to a ridge shall be to the crest. Section, Township, and Range lines, and Section corners established by the United States Public Land Survey, shall determine the actual location of these portions of the boundary so described." This contract does not include a Title Report or Title Research.

**History:**  
The legal description of the North Fork Umatilla Wilderness is as shown on the map dated September 1986 on file in the office of the Chief of the USDA Forest Service, as generally described in Public Law documents 98-328.

The vertical datum listed on the USGS quadrangle map used to depict the Wilderness Boundary in the Legal Description is shown as the National Geodetic Vertical Datum of 1929 (NGVD 29).

**Procedure:**  
The horizontal (NAD83) and vertical (NGVD29) datums of this survey are based upon the Control Network Survey completed during High Buck Wilderness Phase 1, as shown on Umatilla County Survey 19-119-B, or Union County Survey 044-2019.

The control network shown thereon was conducted using static GPS observations on GPS Control Points 9315 and 9317, per CS 94-06-B, and newly established GPS Control Points 150 and 151. I held the record CS 94-06-B latitudes and longitudes for 9315 and 9317 as fixed positions horizontally, and I held the record CS 94-06-B orthometric height for 9317 as fixed vertically.

This portion of the Wilderness Boundary shown hereon commences at Angle Point 533, established at the intersection of the projection of a small draw with the 5000 foot contour. We then proceed westerly along the 5000 foot contour to a point on the 5000 foot contour; said point being Angle Point 544. The boundary then continues westerly along the 5000 foot contour to existing Angle Point 561, as shown hereon.

This survey was performed by the Global Navigation Satellite System (GNSS) GPS, and conventional ground survey methods. Dual frequency carrier-phase GNSS receivers were used to establish control. A Nikon DTM-522 Total Station was used for conventional ground surveys. All monumented positions are within closed GPS networks, a conventional closed traverse, and with benefit of redundant measurements. Trimble Business Center software was used for least squares adjustment, at the two sigma level, of survey data.

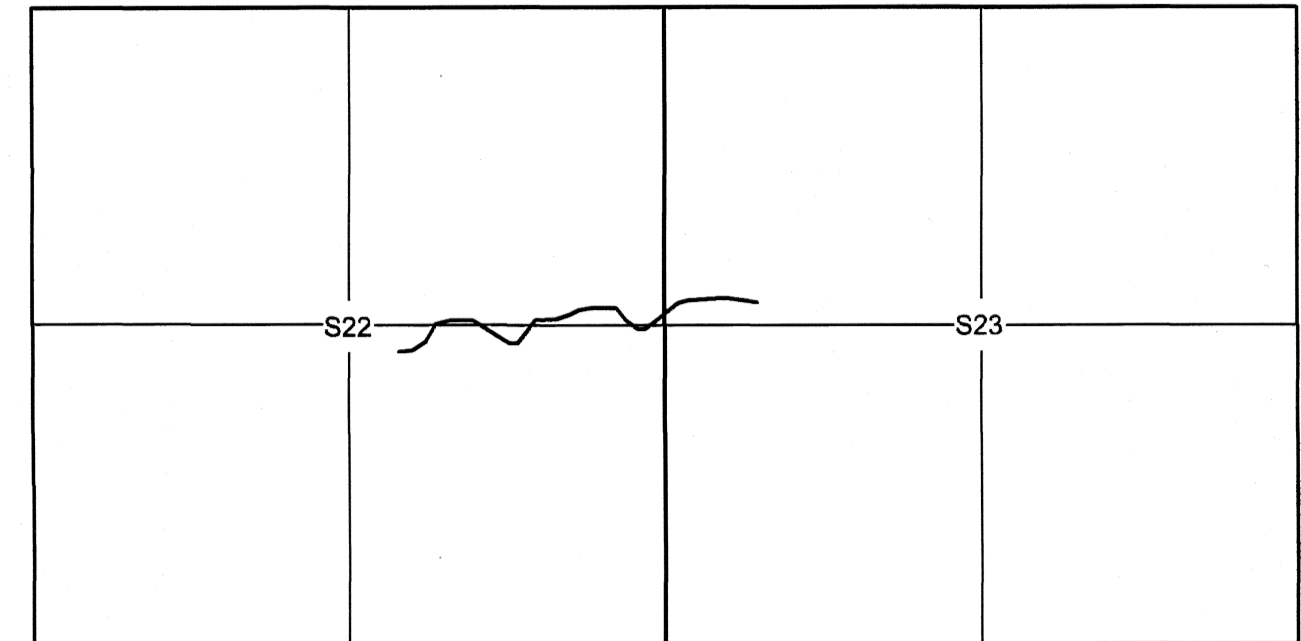
**Basis of Bearing:**  
The Basis of Bearing is the True Meridian and was derived from GPS observations. Local plane coordinates were calculated on a false meridian, and zero convergence angle, at GPS Control Point 9317, and then converted to ground bearing and distances with a project scale factor of 1.0002310723.

Be advised this mapping, and digital copy of the same, are protected by contract stipulations of product ownership and copyright laws.

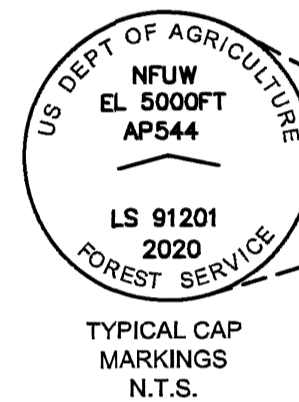
**Record of Survey**

**North Fork Umatilla Wilderness Boundary: Phase II**  
**Sections 22 & 23, Township 3 North, Range 38 East, all of the**  
**Willamette Meridian, Union County, Oregon**

VICINITY MAP  
Secs. 22 & 23, T3N, R38E, WM  
Scale: 1 inch = 0.25 miles



Latitude & Longitude for Points on Line and Angle Points (NAD '83)			
Point or AP #	Latitude	Longitude	Description
AP 533	N45°43'31.364"	W118°04'55.242"	3 1/4" alum. cap on 2 1/2" alum. pipe
P1	N45°43'31.6"	W118°01'56.7"	6-foot steel t-post with WB sign attached
P2	N45°43'31.7"	W118°01'59.7"	6-foot steel t-post with WB sign attached
P3	N45°43'31.8"	W118°02'02.4"	20 inch diam. spruce line tree with WB sign attached
P4	N45°43'30.6"	W118°02'05.8"	6-foot steel t-post with WB sign attached
P5	N45°43'29.6"	W118°02'07.3"	6-foot steel t-post with WB sign attached
P6	N45°43'29.5"	W118°02'09.6"	6-foot steel t-post with WB sign attached
P7	N45°43'28.9"	W118°02'10.9"	6-foot steel t-post with WB sign attached
P8	N45°43'31.0"	W118°02'12.8"	6-foot steel t-post with WB sign attached
AP 544	N45°43'31.237"	W118°02'13.362"	3 1/4" alum. cap on 3/4" alum. drive rod, in conc.
P9	N45°43'31.0"	W118°02'14.2"	6-foot steel t-post with WB sign attached
P10	N45°43'30.3"	W118°02'16.8"	6-foot steel t-post with WB sign attached
P11	N45°43'30.2"	W118°02'19.4"	6-foot steel t-post with WB sign attached
P12	N45°43'30.3"	W118°02'19.9"	6-foot steel t-post with WB sign attached
P13	N45°43'29.5"	W118°02'22.0"	6-foot steel t-post with WB sign attached
P14	N45°43'28.3"	W118°02'24.0"	6-foot steel t-post with WB sign attached
P15	N45°43'27.1"	W118°02'26.1"	6-foot steel t-post with WB sign attached
P16	N45°43'27.7"	W118°02'26.6"	6-foot steel t-post with WB sign attached
P17	N45°43'29.2"	W118°02'27.9"	6-foot steel t-post with WB sign attached
P18	N45°43'29.2"	W118°02'28.7"	6-foot steel t-post with WB sign attached
P19	N45°43'29.1"	W118°02'30.7"	6-foot steel t-post with WB sign attached
P20	N45°43'29.5"	W118°02'33.2"	6-foot steel t-post with WB sign attached
P21	N45°43'28.6"	W118°02'34.2"	6-foot steel t-post with WB sign attached
P22	N45°43'27.0"	W118°02'36.4"	6-foot steel t-post with WB sign attached
P23	N45°43'26.2"	W118°02'38.8"	6-foot steel t-post with WB sign attached
AP 561	N45°43'26.3"	W118°02'40.0"	3 1/4" alum. cap on 2 1/2" alum. pipe



**Legend**

- Found a standard USFS 2 1/2 inch aluminum pipe with a 3 1/4 inch aluminum cap mkd: NFUW EL 5000 FT AP 561 LS 91201 2019, per Union County Survey 044-2019, or Umatilla County Survey 19-119-B.
- Set a 2 1/2 x 30 inch aluminum pipe with 3 1/4 inch aluminum cap, unless otherwise noted. Positioned in compliance with the North Fork Umatilla Wilderness Boundary Description, as generally described in Public Law document 98-328.
- Boundary lines posted with six foot steel t-posts and Wilderness Boundary (27-6A) signs, unless otherwise noted.
- NGVD '29 National Geodetic Vertical Datum 1929
- AP Angle Point
- P1 Point on Line
- WB Wilderness Boundary

**Reference Material**

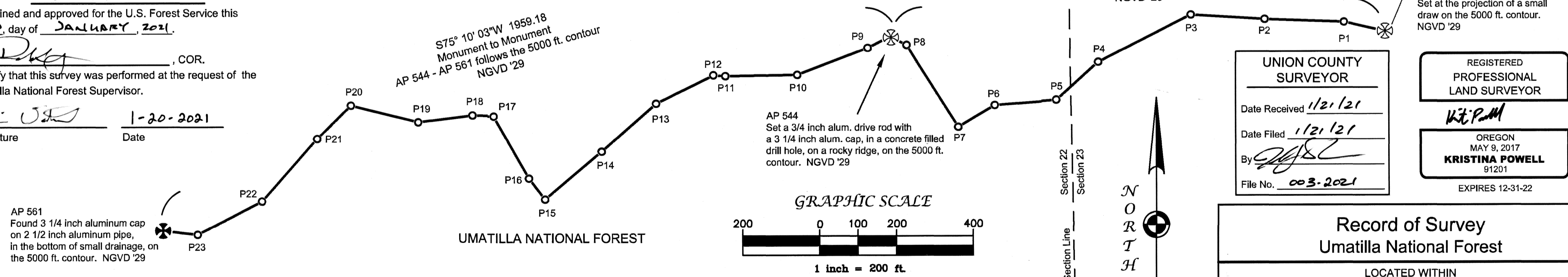
- North Fork Umatilla Wilderness Boundary Description, dated June 26, 1984
- Umatilla County Survey No. 94-06-B
- Umatilla County Survey No. 19-119-B.
- Union County Survey No. 044-2019

**F.S. ACCEPTANCE**

Examined and approved for the U.S. Forest Service this 20 day of JANUARY, 2021.

*[Signature]*, COR.  
I certify that this survey was performed at the request of the Umatilla National Forest Supervisor.  
*[Signature]* 1-20-2021  
Signature Date

**NORTH FORK UMATILLA (NFU) WILDERNESS**



UNION COUNTY SURVEYOR  
Date Received 1/21/21  
Date Filed 1/21/21  
By *[Signature]*  
File No. 003-2021

REGISTERED PROFESSIONAL LAND SURVEYOR  
*[Signature]*  
OREGON MAY 9, 2017  
**KRISTINA POWELL**  
91201  
EXPIRES 12-31-22

**Record of Survey**  
Umatilla National Forest

LOCATED WITHIN  
Sections 22 & 23  
Township 3 North, Range 38 East  
Willamette Meridian, Union County, Oregon

**Wallowa Associates**  
303 S.E. Alamo Street  
Enterprise, Oregon 97828  
(541) 426-9049

SCALE 1" = 200'	SHEET No. 1 of 6	DATE OF SURVEY Beginning: 6/30/2020 Ending: 9/4/2020
DRAWN BY KLP	CHECKED KLP	PROJECT No. WA E203-02 / 3028
DATE 12/20/20		

**CERTIFICATE OF SURVEY**

I, Kristina Powell, L.S. No. 91201, State of Oregon, do hereby certify that the survey represented on this plat was performed by me, or under my supervision, in accordance with the laws of the State of Oregon, at the request of the U.S. Department of Agriculture, Forest Service.  
*[Signature]* 1-20-2021  
Kristina Powell, LS 91201 Date

**Project Control Latitudes & Longitudes (NAD '83 Datum)**

Per Union County Survey 044-2019 & Umatilla County Survey 19-119-B

Point	Latitude	Longitude	Ellipsoid Height	Elevation (NGVD '29)
150	N45°41'38.14152"	W118°05'02.53896"	5126.325 feet	5186.618 feet
151	N45°43'07.75421"	W118°03'03.59129"	5248.162 feet	5308.358 feet
9315	N45°40'32.30772" (N45°40'32.30772")	W118°08'56.01446" (W118°08'56.01446")	4597.984 feet (1401.780 m)	4658.885 feet (1420.068 m)
9317	N45°42'39.76773" (N45°42'39.76773")	W118°04'58.71972" (W118°04'58.71972")	4835.713 feet (1474.194 m)	4896.220 feet (1492.368 m)

**Sheet Index**

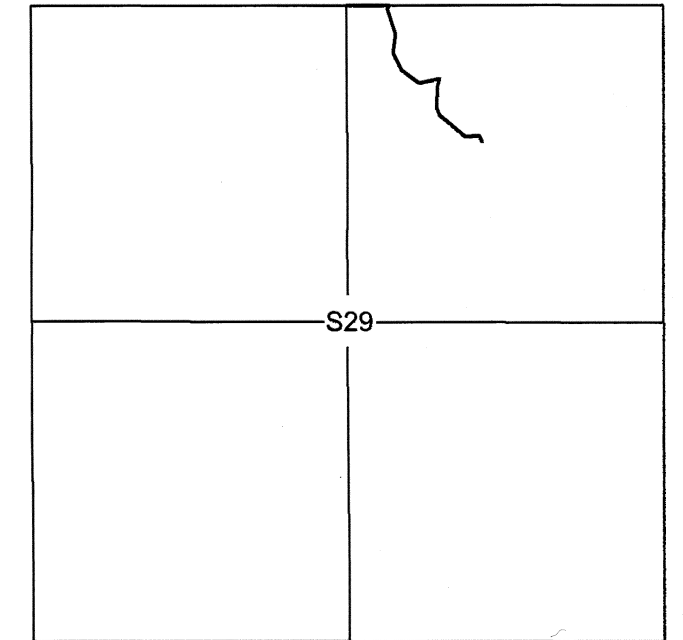
- Sheet 1: Angle Point 533 to Angle Point 561
- Sheet 2: Angle Point 712 to Angle Point 731 to 1/4 Secs. 20 & 29
- Sheet 3: Angle Point 823 to Angle Point 900
- Sheet 4: Latitudes & Longitudes for AP823 to AP 900
- Sheet 5: Corner Records
- Sheet 6: Corner Records

# Record of Survey

North Fork Umatilla Wilderness Boundary: Phase II  
 Sections 20 & 29, Township 3 North, Range 38 East, all of the  
 Willamette Meridian, Umatilla County, Oregon

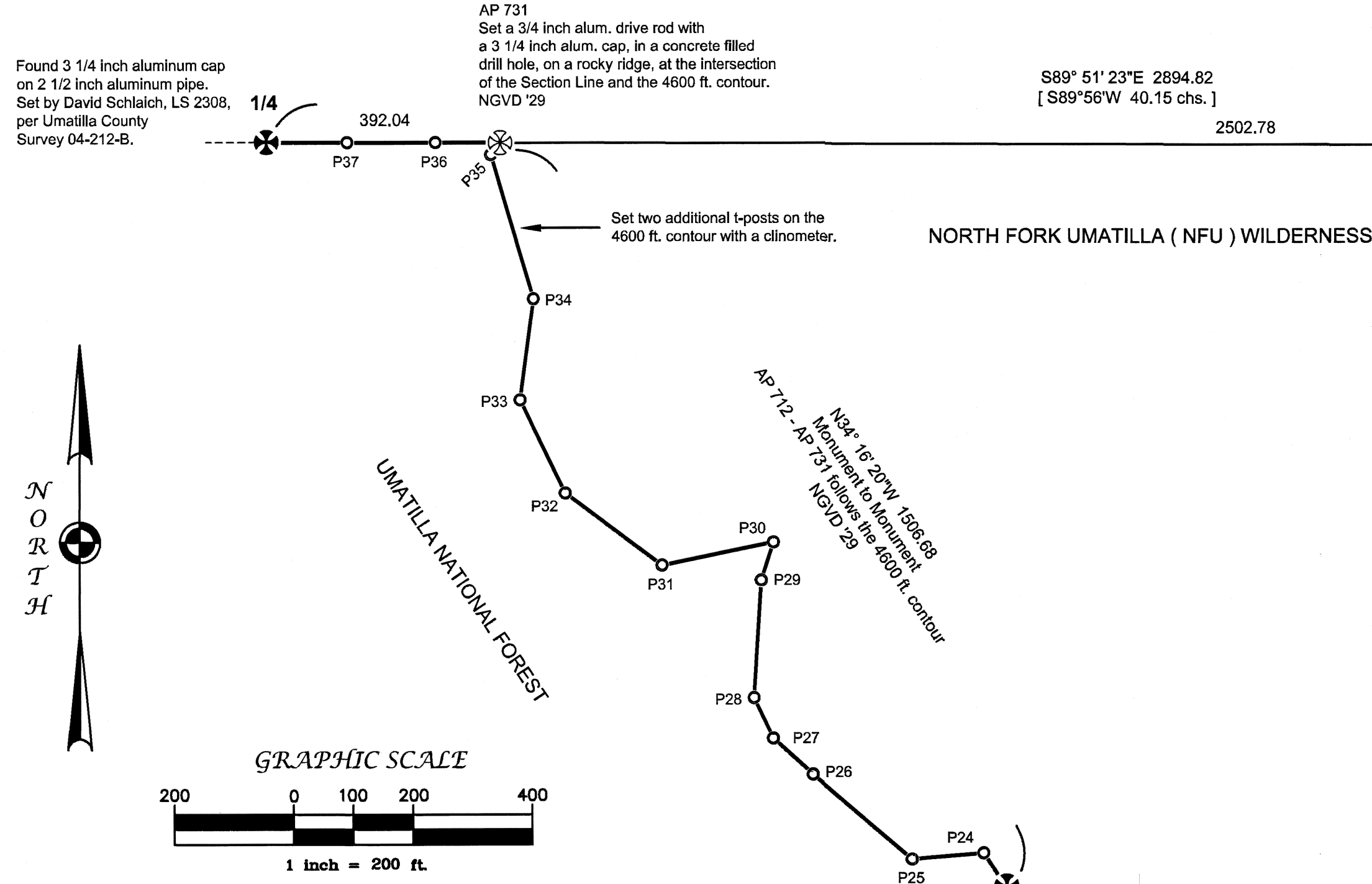
VICINITY MAP  
 Sections 20 & 29, T3N, R38E, WM

Scale: 1 inch = 0.25 miles



## Reference Material

- North Fork Umatilla Wilderness Boundary Description, dated June 26, 1984
- GLO Field Notes and Plat of Contract No. 700, by John W. Kimbrell, approved February 9, 1905.
- Umatilla County Survey 04-21-B
- Survey for Umatilla National Forest of North Fork Umatilla Wilderness Angle Points 664 to 712, by David Schlaich, LS 2308, dated 11/22/96.
- Monument Records filed with the Umatilla County Surveyor.
- Umatilla National Forest Corner Cards



Found 3 1/4 inch aluminum cap on 2 1/2 inch aluminum pipe. Set by Dennis Gaylord, LS 1636, in 1996.

## Narrative Cont'd

### History:

The Subdivision of Township 3 North, Range 38 East was originally surveyed by John W. Kimbrell, under GLO Contract No. 700, dated February 9, 1899.

The General Land Office rejected John Kimbrell's 1899 survey.

The Subdivision of Township 3 North, Range 38 East was resurveyed by John W. Kimbrell, under GLO Contract No. 700, in 1903.

The legal description of the North Fork Umatilla Wilderness is as shown on the map dated September 1986 on file in the office of the Chief of the USDA Forest Service, as generally described in Public Law documents 98-328.

### Procedure:

The vertical datum is the National Geodetic Vertical Datum 1929 (NGVD 29), and is defined by GPS Control Point 9317 (SCHLAICH) per Umatilla County Survey 94-06-B. Additionally, general field procedures and methods were done with reference to the Department of Interior, Bureau of Land Management, Manual of Survey Instructions (Manual); USFS Cadastral Survey Specifications and Oregon Revised Statutes (ORS).

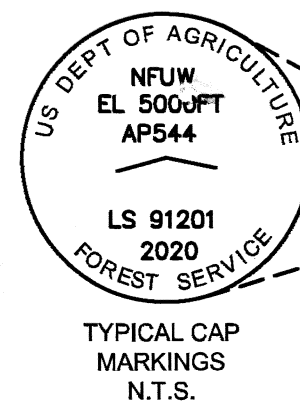
All Angle Points established hereon were done so by the North Fork Umatilla Wilderness Boundary description.

This portion of the Wilderness Boundary shown hereon commences at Angle Point 712, established on the 4600 foot contour, per USFS Survey by Schlaich. We then proceed northwesterly along the 4600 foot contour to a point on the Section Line between Sections 20 and 29, T3N, R38E, WM; said point being Angle Point 731. The Boundary then continues westerly along the Section line to the 1/4 Corner of Sections 20 and 29.

Lines shown as Posted were done so with six foot steel T-Posts and Wilderness Boundary (27-6A) signs attached, at intervals generally less than 200 feet, unless otherwise noted.

Latitude & Longitude for Points on Line and Angle Points (NAD '83)			
Point or AP #	Latitude	Longitude	Description
AP 712	N45°42'50.481"	W118°04'58.807"	3 1/4" alum. cap on 2 1/2" alum. pipe
P24	N45°42'51.0"	W118°04'59.3"	6-foot steel t-post with WB sign attached
P25	N45°42'50.9"	W118°05'01.0"	32" Douglas fir line tree with WB sign attached
P26	N45°42'52.3"	W118°05'03.4"	6-foot steel t-post with WB sign attached
P27	N45°42'52.9"	W118°05'04.3"	24" fir line tree with WB sign attached
P28	N45°42'53.6"	W118°05'04.8"	6-foot steel t-post with WB sign attached
P29	N45°42'55.5"	W118°05'04.6"	6-foot steel t-post with WB sign attached
P30	N45°42'56.2"	W118°05'04.3"	6-foot steel t-post with WB sign attached
P31	N45°42'55.8"	W118°05'06.9"	6-foot steel t-post with WB sign attached
P32	N45°42'57.0"	W118°05'09.2"	6-foot steel t-post with WB sign attached
P33	N45°42'58.5"	W118°05'10.3"	10" white fir line tree with WB sign attached
P34	N45°43'00.2"	W118°05'10.0"	6-foot steel t-post with WB sign attached
P35	N45°43'02.6"	W118°05'11.0"	6-foot steel t-post with WB sign attached
AP 731	N45°43'02.770"	W118°05'10.762"	3 1/4" alum. cap on 3/4" alum. drive rod, in conc.
P36	N45°43'02.8"	W118°05'12.3"	6-foot steel t-post with WB sign attached
P37	N45°43'02.8"	W118°05'14.4"	6-foot steel t-post with WB sign attached
1/4 S20-S29	N45°43'02.779"	W118°05'16.286"	3 1/4" alum. cap on 2 1/2" alum. pipe
Sec. Cor. 20-21-28-29	N45°43'02.707"	W118°04'35.497"	3 1/4" alum. cap on 2 1/2" alum. pipe

AP 712  
 Found 3 1/4 inch aluminum cap on 2 1/2 inch aluminum pipe, on the 4600 ft. contour, per Survey for the Umatilla National Forest by David Schlaich, dated 11/22/96. NGVD '29



## LEGEND

Found a Public Land Corner or Wilderness Boundary Angle Point, as described hereon.

Set a 2 1/2 x 30 inch aluminum pipe with 3 1/4 inch aluminum cap, unless otherwise noted. Positioned in compliance with the North Fork Umatilla Wilderness Boundary Description, as generally described in Public Law document 98-328.

Boundary lines posted with six foot steel t-posts and Wilderness Boundary (27-6A) signs, unless otherwise noted.

NGVD '29 National Geodetic Vertical Datum 1929

- AP Angle Point
- P1 Point on Line
- WB Wilderness Boundary

UNION COUNTY SURVEYOR  
 Date Received 1/21/21  
 Date Filed 1/21/21  
 By [Signature]  
 File No. 003-2021

REGISTERED PROFESSIONAL LAND SURVEYOR  
 [Signature]  
 OREGON MAY 9, 2017  
 KRISTINA POWELL 91201  
 EXPIRES 12-31-22

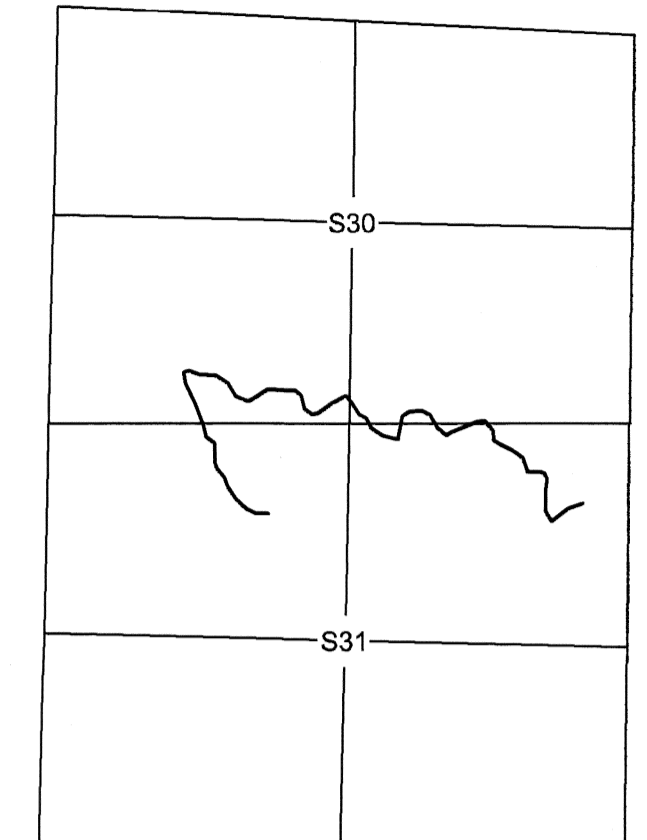
Record of Survey  
 Umatilla National Forest  
 LOCATED WITHIN  
 Sections 20 and 29  
 Township 3 North, Range 38 East  
 Willamette Meridian, Umatilla County, Oregon  
 Wallowa Associates  
 303 S.E. Alamo Street  
 Enterprise, Oregon 97828  
 (541) 426-9049  
 SCALE 1" = 200'  
 SHEET No. 2 of 6  
 DATE OF SURVEY Beginning: 6/30/2020 Ending: 9/4/2020  
 DRAWN BY KLP  
 CHECKED KLP  
 DATE 12/2020  
 PROJECT No. WA E203-02 / 3028

# Record of Survey

North Fork Umatilla Wilderness Boundary: Phase II  
 Sections 30 & 31, Township 3 North, Range 38 East, all of the  
 Willamette Meridian, Umatilla County, Oregon

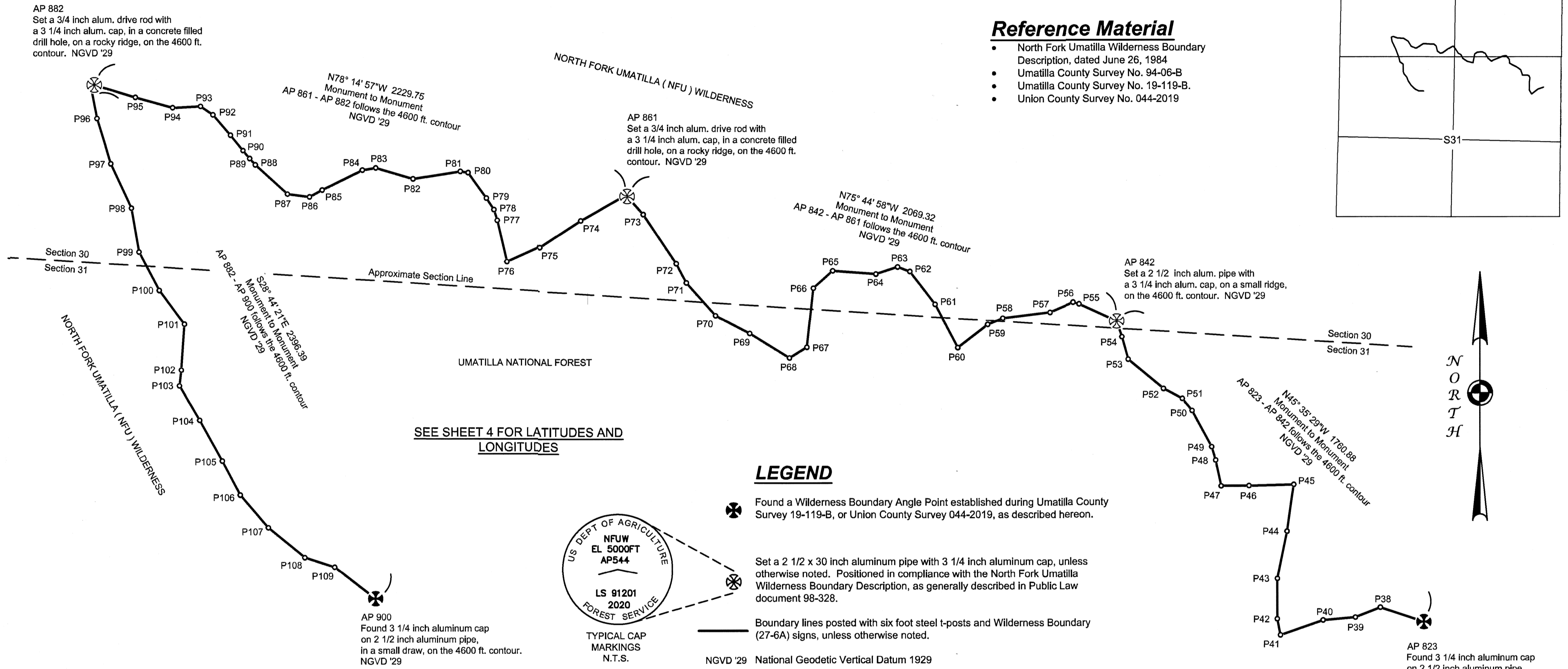
VICINITY MAP  
 Sections 30 & 31, T3N, R38E, WM

Scale: 1 inch = 0.50 miles



### Reference Material

- North Fork Umatilla Wilderness Boundary Description, dated June 26, 1984
- Umatilla County Survey No. 94-06-B
- Umatilla County Survey No. 19-119-B.
- Union County Survey No. 044-2019



SEE SHEET 4 FOR LATITUDES AND LONGITUDES

### LEGEND

Found a Wilderness Boundary Angle Point established during Umatilla County Survey 19-119-B, or Union County Survey 044-2019, as described hereon.

Set a 2 1/2 x 30 inch aluminum pipe with 3 1/4 inch aluminum cap, unless otherwise noted. Positioned in compliance with the North Fork Umatilla Wilderness Boundary Description, as generally described in Public Law document 98-328.

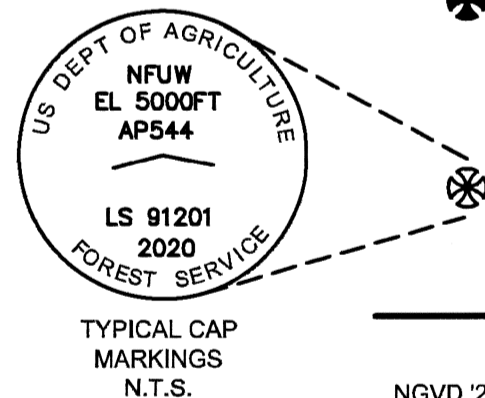
Boundary lines posted with six foot steel t-posts and Wilderness Boundary (27-6A) signs, unless otherwise noted.

NGVD '29 National Geodetic Vertical Datum 1929

AP Angle Point

P1 Point on Line

WB Wilderness Boundary



AP 900  
 Found 3 1/4 inch aluminum cap on 2 1/2 inch aluminum pipe, in a small draw, on the 4600 ft. contour. NGVD '29

### Narrative Cont'd

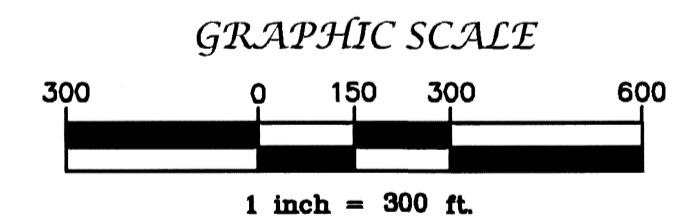
#### Procedure:

The vertical datum is the National Geodetic Vertical Datum 1929 (NGVD 29), and is defined by GPS Control Point 9317 (SCHLAICH) per Umatilla County Survey 94-06-B. Additionally, general field procedures and methods were done with reference to the Department of Interior, Bureau of Land Management, Manual of Survey Instructions (Manual); USFS Cadastral Survey Specifications and Oregon Revised Statutes (ORS).

All Angle Points established hereon were done so by the North Fork Umatilla Wilderness Boundary description.

This portion of the Wilderness Boundary shown hereon commences at a point here established on the 4600 foot contour, said point being Angle Point 823. We then proceed northwesterly along the said 4600 foot contour, to a point on a small ridge, said point being Angle Point 842. We then proceed northwesterly along the 4600 foot contour to a point on a rocky ridge, said point being Angle Point 861. We then proceed northwesterly along the 4600 foot contour to a point on a rocky ridge, said point being Angle Point 882. We then proceed southeasterly along the 4600 foot contour to a point on the 4600 foot contour, in the bottom of a small draw, said point being previously established Angle Point 900, a 2 1/2 inch aluminum pipe with a 3 1/4 inch aluminum cap.

Lines shown as Posted were posted with six foot steel T-Posts, with Wilderness Boundary (27-6A) signs attached, at intervals generally less than 200 feet, unless otherwise noted.



UNION COUNTY SURVEYOR

Date Received 1/21/21

Date Filed 1/21/21

By [Signature]

File No. 005-2021

REGISTERED PROFESSIONAL LAND SURVEYOR

[Signature]

OREGON MAY 9, 2017

**KRISTINA POWELL** 91201

EXPIRES 12-31-22

### Record of Survey Umatilla National Forest

LOCATED WITHIN  
 Sections 30 and 31  
 Township 3 North, Range 38 East  
 Willamette Meridian, Umatilla County, Oregon

**Wallowa Associates**  
 303 S.E. Alamo Street  
 Enterprise, Oregon 97828  
 (541) 426-9049

SCALE 1" = 300'	SHEET No. 3 of 6	DATE OF SURVEY Beginning: <u>8/30/2020</u> Ending: <u>9/4/2020</u>
DRAWN BY KLP	CHECKED KLP	PROJECT No. WA E203-02 / 3028
DATE <u>12/2020</u>		

# Latitude & Longitude Tables: AP 823 - AP 900

North Fork Umatilla Wilderness Boundary: Phase II  
 Sections 30 & 31, Township 3 North, Range 38 East, all of the  
 Willamette Meridian, Umatilla County, Oregon


Latitude & Longitude for Points on Line and Angle Points (NAD '83)			
Point or AP #	Latitude	Longitude	Description
AP 823	N45°42'00.369"	W118°06'59.274"	3 1/4" alum. cap on 2 1/2" alum. pipe
P38	N45°42'01.0"	W118°06'01.8"	18" white fir line tree with WB sign attached
P39	N45°42'00.6"	W118°06'03.2"	6-foot steel t-post with WB sign attached
P40	N45°42'00.4"	W118°06'05.1"	6-foot steel t-post with WB sign attached
P41	N45°41'59.8"	W118°06'07.5"	6-foot steel t-post with WB sign attached
P42	N45°42'00.5"	W118°06'07.7"	6-foot steel t-post with WB sign attached
P43	N45°42'02.1"	W118°06'07.7"	6-foot steel t-post with WB sign attached
P44	N45°42'04.0"	W118°06'07.1"	6-foot steel t-post with WB sign attached
P45	N45°42'05.9"	W118°06'06.8"	6-foot steel t-post with WB sign attached
P46	N45°42'05.9"	W118°06'09.4"	16" white fir line tree with WB sign attached
P47	N45°42'05.9"	W118°06'11.0"	6-foot steel t-post with WB sign attached
P48	N45°42'06.9"	W118°06'11.3"	20" Douglas fir line tree with WB sign attached
P49	N45°42'07.4"	W118°06'11.5"	6-foot steel t-post with WB sign attached
P50	N45°42'08.9"	W118°06'12.6"	25" Douglas fir line tree with WB sign attached
P51	N45°42'09.4"	W118°06'13.2"	6-foot steel t-post with WB sign attached
P52	N45°42'09.8"	W118°06'14.3"	20" white fir line tree with WB sign attached
P53	N45°42'11.0"	W118°06'16.3"	22" Douglas fir line tree with WB sign attached
P54	N45°42'11.9"	W118°06'16.7"	6-foot steel t-post with WB sign attached
AP 842	N45°42'12.528"	W118°06'16.998"	3 1/4" alum. cap on 2 1/2" alum. pipe
P55	N45°42'13.2"	W118°06'19.2"	16" white fir line tree with WB sign attached
P56	N45°42'13.3"	W118°06'19.5"	14" Douglas fir line tree with WB sign attached
P57	N45°42'12.9"	W118°06'20.9"	16" Douglas fir line tree with WB sign attached
P58	N45°42'12.9"	W118°06'20.9"	6-foot steel t-post with WB sign attached
P59	N45°42'12.4"	W118°06'24.4"	6-foot steel t-post with WB sign attached
P60	N45°42'11.5"	W118°06'26.2"	6-foot steel t-post with WB sign attached
P61	N45°42'13.2"	W118°06'27.5"	6-foot steel t-post with WB sign attached
P62	N45°42'14.5"	W118°06'28.9"	6-foot steel t-post with WB sign attached
P63	N45°42'14.7"	W118°06'29.6"	7" Douglas fir line tree with WB sign attached
P64	N45°42'14.4"	W118°06'30.9"	6" white fir line tree with WB sign attached
P65	N45°42'14.6"	W118°06'33.4"	36" white fir line tree with WB sign attached
P66	N45°42'13.9"	W118°06'34.5"	16" white fir line tree with WB sign attached
P67	N45°42'11.5"	W118°06'34.9"	6-foot steel t-post with WB sign attached
P68	N45°42'11.0"	W118°06'35.9"	6-foot steel t-post with WB sign attached
P69	N45°42'12.0"	W118°06'38.2"	6-foot steel t-post with WB sign attached
P70	N45°42'12.7"	W118°06'40.2"	24" white fir line tree with WB sign attached
P71	N45°42'14.1"	W118°06'41.8"	6-foot steel t-post with WB sign attached

Latitude & Longitude for Points on Line and Angle Points (NAD '83)			
Point or AP #	Latitude	Longitude	Description
P72	N45°42'14.8"	W118°06'42.4"	16" white fir line tree with WB sign attached
P73	N45°42'16.8"	W118°06'44.3"	6-foot steel t-post with WB sign attached
AP 861	N45°42'17.5"	W118°06'45.3"	3/4" alum. drive rod with 3 1/4" alum. cap, in conc.
P74	N45°42'16.565"	W118°06'47.939"	6-foot steel t-post with WB sign attached
P75	N45°42'15.5"	W118°06'50.3"	28" white fir line tree with WB sign attached
P76	N45°42'14.9"	W118°06'52.2"	6-foot steel t-post with WB sign attached
P77	N45°42'16.6"	W118°06'52.7"	6-foot steel t-post with WB sign attached
P78	N45°42'17.0"	W118°06'52.9"	30" Douglas fir line tree with WB sign attached
P79	N45°42'17.5"	W118°06'53.4"	24" white fir line tree with WB sign attached
P80	N45°42'18.5"	W118°06'54.4"	6-foot steel t-post with WB sign attached
P81	N45°42'18.5"	W118°06'54.9"	6-foot steel t-post with WB sign attached
P82	N45°42'18.2"	W118°06'57.6"	6-foot steel t-post with WB sign attached
P83	N45°42'18.7"	W118°06'59.8"	6-foot steel t-post with WB sign attached
P84	N45°42'18.6"	W118°07'00.5"	6-foot steel t-post with WB sign attached
P85	N45°42'17.8"	W118°07'02.9"	6-foot steel t-post with WB sign attached
P86	N45°42'17.5"	W118°07'03.6"	36" spruce line tree with WB sign attached
P87	N45°42'17.6"	W118°07'04.9"	6-foot steel t-post with WB sign attached
P88	N45°42'18.8"	W118°07'06.7"	6-foot steel t-post with WB sign attached
P89	N45°42'19.1"	W118°07'07.0"	16" white fir line tree with WB sign attached
P90	N45°42'19.4"	W118°07'07.4"	24" white fir line tree with WB sign attached
P91	N45°42'20.0"	W118°07'08.2"	40" white fir line tree with WB sign attached
P92	N45°42'20.8"	W118°07'09.2"	8" white fir line tree with WB sign attached
P93	N45°42'21.2"	W118°07'09.9"	6-foot steel t-post with WB sign attached
P94	N45°42'21.1"	W118°07'11.5"	6-foot steel t-post with WB sign attached
P95	N45°42'21.5"	W118°07'13.6"	6-foot steel t-post with WB sign attached
AP 882	N45°42'22.023"	W118°07'16.009"	3/4" alum. drive rod with 3 1/4" alum. cap, in conc.
P96	N45°42'20.7"	W118°07'15.9"	6-foot steel t-post with WB sign attached
P97	N45°42'18.8"	W118°07'15.0"	6-foot steel t-post with WB sign attached
P98	N45°42'17.1"	W118°07'13.9"	6-foot steel t-post with WB sign attached
P99	N45°42'15.3"	W118°07'13.4"	6-foot steel t-post with WB sign attached
P100	N45°42'13.7"	W118°07'12.3"	6-foot steel t-post with WB sign attached
P101	N45°42'12.4"	W118°07'10.8"	6-foot steel t-post with WB sign attached
P102	N45°42'10.5"	W118°07'11.0"	6-foot steel t-post with WB sign attached
P103	N45°42'09.9"	W118°07'11.1"	6-foot steel t-post with WB sign attached
P104	N45°42'08.5"	W118°07'09.9"	6-foot steel t-post with WB sign attached
P105	N45°42'06.9"	W118°07'08.6"	6-foot steel t-post with WB sign attached

Latitude & Longitude for Points on Line and Angle Points (NAD '83)			
Point or AP #	Latitude	Longitude	Description
P106	N45°42'05.5"	W118°07'07.6"	6-foot steel t-post with WB sign attached
P107	N45°42'04.2"	W118°07'06.0"	6-foot steel t-post with WB sign attached
P108	N45°42'03.0"	W118°07'03.8"	6-foot steel t-post with WB sign attached
P109	N45°42'02.6"	W118°07'02.1"	6-foot steel t-post with WB sign attached
AP 900	N45°42'01.3"	W118°06'59.8"	2 1/2" alum. pipe with 3 1/4" alum. cap

UNION COUNTY  
 SURVEYOR  
 Date Received 1/21/21  
 Date Filed 1/21/21  
 By [Signature]  
 File No. 003-2021

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
[Signature]  
 OREGON  
 MAY 9, 2017  
**KRISTINA POWELL**  
 91201  
 EXPIRES 12-31-22

<b>Record of Survey</b> Umatilla National Forest		
LOCATED WITHIN Sections 30 & 31 Township 3 North, Range 38 East Willamette Meridian, Umatilla County, Oregon		
 <b>Wallowa Associates</b> 303 S.E. Alamo Street Enterprise, Oregon 97828 (541) 426-9049		
SCALE N/A	SHEET No. 4 of 6	DATE OF SURVEY Beginning: <u>6/30/2020</u> Ending: <u>9/4/2020</u>
DRAWN BY KLP	CHECKED KLP	PROJECT No. WA E203-02 / 3028
DATE <u>12/2020</u>		

# Corner Records

## North Fork Umatilla Wilderness Boundary: Phase II Umatilla National Forest

### North Fork Umatilla Wilderness Angle Point 533

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

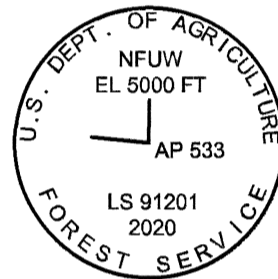
Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At the intersection of the 5000 foot contour with the projection of a small draw, determined by this survey, as shown herein:



I set a standard USFS 2 1/2 x 30 inch aluminum pipe, with clear DEEP-1 magnet at base, and 3 1/4 inch aluminum cap, mkd. as shown, with a rock collar.

From which:

An 8 inch spruce, mkd. XBT on a double blaze, with a 3/4 inch brass tag in face mkd. LS 91201, and 2 1/2 inch MAG nail in right side center, bears N43°E, 10.4 ft. dist.

A 5/8 x 30 inch iron rod with a light blue plastic cap mkd: WALLOWA ASSOCIATES, bears N34°W, 23.5 ft. dist.

NAD 83 Geodetic Position:  
Lat. 45°43'31.364" N  
Long. 118°01'55.242" W

Established by: Trimble RTK

Bearings are measured to the brass tag, and distances to the MAG nail, where used. All bearing trees are painted with 6 inch red bands, and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.

Posted and marked wilderness boundary westerly along the 5000 foot contour from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described and the accessories were taken using dual frequency carrier-phase GNSS receivers.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
Date: 7/17/2020

### North Fork Umatilla Wilderness Angle Point 544

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At a position on the 5000 foot contour determined by this survey, I set a 3/4 inch diam. by 15 inch long aluminum drive rod, in concrete filled drill hole, with DEEP-1 magnet at the base, and a 3 1/4 inch aluminum cap, mkd. as shown, with a rock collar.

From which:

A 2 inch chiseled BXO in 3 ft. x 2 ft. rock outcrop, bears N 15° E, 11.4 ft. dist.

A 2 inch chiseled BXO in 3 ft. x 2 ft. rock outcrop, bears S 64° W, 10.0 ft. dist.

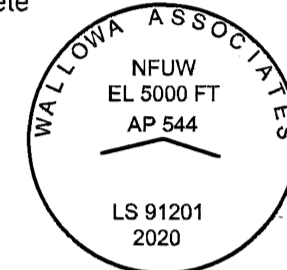
NAD 83 Geodetic Position:  
Lat. 45°43'31.237" N  
Long. 118°02'13.362" W

Established by: Trimble RTK

Posted and marked wilderness boundary easterly and westerly along the 5000 foot contour from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described and the accessories were taken using dual frequency carrier-phase GNSS receivers.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
Date: 7/22/2020



### North Fork Umatilla Wilderness Angle Point 731

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At the intersection of the 4600 foot contour with the Section line between Sections 20 and 29 determined by this survey, I set a 3/4 inch diam. by 15 inch long aluminum drive rod, in concrete filled drill hole, with DEEP-1 magnet at base and 3 1/4 inch aluminum cap, mkd. as shown:

From which:

A 2 inch chiseled BXO in 6 ft. x 6 ft. x 8 ft. high rock bluff, bears S 55° W, 95.5 ft. dist.

A 2 inch chiseled BXO in 3 ft. x 3 ft. x 3 ft. high rock outcrop, bears N 12 1/2° W, 28.2 ft. dist.

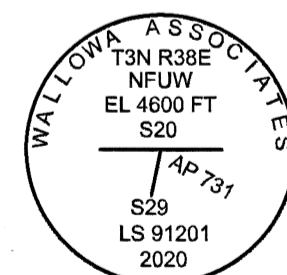
NAD 83 Geodetic Position:  
Lat. 45°43'02.770" N  
Long. 118°05'10.762" W

Established by: Trimble RTK

Posted and marked wilderness boundary southerly along the 4600 foot contour and westerly along the Section Line from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described and the accessories were taken using dual frequency carrier-phase GNSS receivers.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
Date: 7/28/2020



### North Fork Umatilla Wilderness Angle Point 842

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At a position on the 4600 foot contour, determined by this survey, I set a standard USFS 2 1/2 inch aluminum pipe, with clear DEEP-1 magnet at base, with 3 1/4 inch aluminum cap, mkd. as shown, with stone mound.

From which:

A 5/8 x 30 inch iron rod with light blue plastic cap mkd. WALLOWA ASSOCIATES, bears N 22° E, 14.6 ft. dist.

A 10 inch white fir, mkd. X BT on a double blaze, with a 3/4 inch brass tag in face, mkd. LS 91201, and 2 1/2 inch MAG nail in right side center, bears N 60° W, 55.4 ft. dist.

NAD 83 Geodetic Position:  
Lat. 45°42'12.528" N  
Long. 118°06'16.998" W

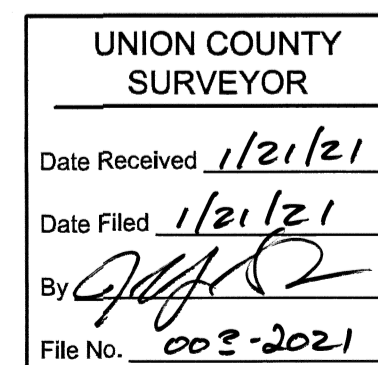
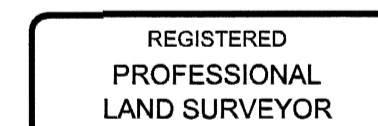
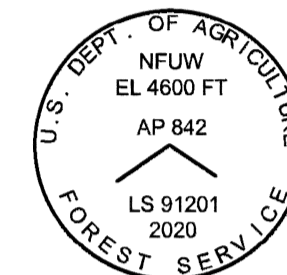
Established by: Trimble RTK

Bearings are measured to the brass tag, and distances to the MAG nail, where used. All bearing trees are painted with 6 inch red bands, and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.

Posted and marked wilderness boundary easterly and westerly along the 4600 foot contour from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described, using dual frequency carrier-phase GNSS receivers and a DTM-422 Nikon Total Station. The accessories were taken using a Warren Knight staff compass with 14 1/4° East declination, and steel tape.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
Date: 9/4/2020



### Record of Survey Umatilla National Forest

LOCATED WITHIN  
Sections 20, 22, 23, 29, 30 & 31  
Township 3 North, Range 38 East  
Willamette Meridian, Umatilla & Union Counties, Oregon

**Wallowa Associates**  
303 S.E. Alamo Street  
Enterprise, Oregon 97828  
(541) 426-9049

SCALE N/A	SHEET No. 5 of 6	DATE OF SURVEY Beginning: 6/30/2020 Ending: 9/4/2020
DRAWN BY KLP	CHECKED KLP	PROJECT No. WA E203-02 / 3028
DATE 12/2020		

# Corner Records

## North Fork Umatilla Wilderness Boundary: Phase II

### Umatilla National Forest

#### North Fork Umatilla Wilderness Angle Point 861

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

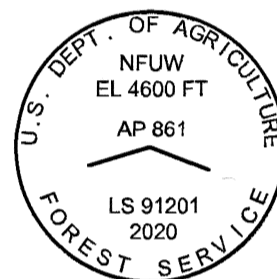
**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At a position on the 4600 foot contour determined by this survey, I set a 3/4 inch diam. by 15 inch long aluminum drive rod, in concrete filled drill hole, with DEEP-1 magnet at base, and a 3 1/4 inch aluminum cap, mkd. as shown, and a rock collar.

From which:

A 5/8 x 15 inch iron rod, in concrete filled drill hole, and a light blue plastic cap mkd. WALLOWA ASSOCIATES, bears S 30° E, 7.9 ft. dist.

An 8 inch Douglas fir mkd. XBT on a double blaze, with a 3/4 inch brass tag in face and 2 1/2 inch MAG nail in right side center, bears S 76° W, 32.4 ft. dist.



NAD 83 Geodetic Position:  
 Lat. 45°42'17.550" N  
 Long. 118°06'45.254" W

Established by: Trimble RTK

Bearings are measured to the brass tag, and distances to the MAG nail, where used. All bearing trees are painted with 6 inch red bands, and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.

Posted and marked wilderness boundary easterly and westerly along the 4600 foot contour from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described, using dual frequency carrier-phase GNSS receivers and the accessories were taken using a Warren Knight staff compass with 14 1/4° East declination, and steel tape.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
 Date: 8/19/2020

#### North Fork Umatilla Wilderness Angle Point 882

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Corner not previously monumented. This is an administrative corner interior to National Forest System Lands. The position of this corner is controlled by the legal description of the North Fork Umatilla Wilderness as shown on the map dated September 1986, as generally described in Public Law document 98-328.

**DESCRIPTION OF CORNER EVIDENCE FOUND:**

N/A

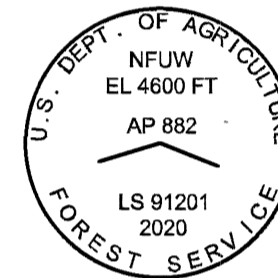
**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

At a position on the 4600 foot contour determined by this survey, I set a 3/4 inch diam. By 28 inch long aluminum drive, in concrete filled drill hole, with DEEP-1 magnet at base, and a 3 1/4 inch aluminum cap, mkd. as shown, with a rock collar.

From which:

An 8 inch white fir, mkd. XBT on a double blaze, with a 3/4 inch brass tag in face, mkd. LS 91201, and 2 1/2 inch MAG nail in right side center, bears N 85° E, 17.3 ft. dist.

A 5/8 x 15 inch iron rod, in concrete filled drill hole, with light blue plastic cap mkd. WALLOWA ASSOCIATES, bears S 5° E, 19.6 ft. dist.



NAD 83 Geodetic Position:  
 Lat. 45°42'22.023" N  
 Long. 118°07'16.009" W

Established by: Trimble RTK

Bearings are measured to the brass tag, and distances to the MAG nail, where used. All bearing trees are painted with 6 inch red bands, and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.

Posted and marked wilderness boundary easterly and southerly along the 4600 foot contour from the corner with Wilderness Boundary (27-6A) signs, and a Land Survey Monument (54-9) sign on nearby post.

I hereby certify that the corner is monumented as described, using dual frequency carrier-phase GNSS receivers, and the accessories were taken using a Warren Knight staff compass with 14 1/4° East declination, and steel tape.

Witnesses: Kristina Powell, Shar Hutchison and David Quittschreiber  
 Date: 8/4/2020

#### North Fork Umatilla Wilderness Angle Point 1035

**HISTORY OF ORIGINAL CORNER ESTABLISHED:**

Original corner established by Dennis L. Gaylord, LS 1636, as described by the Surveyor's Report - 1991 for the Umatilla National Forest, dated Feb. 21, 1992.

Record states:

Set a 5/8 inch by 36 inch iron rod 26 inches into the ground, surrounded with a mound of stones. A 1 1/2 inch aluminum cap attached...

From which:

A 16 inch Douglas fir, bears S21°W, 240.9 feet.

A 6 inch Douglas fir, bears S85°30' E, 151.3 feet.

Both trees are scribed "WB/1035 BT" on double blazes and have 3/4 inch brass washer, marked "PLS 1636," nailed flush to the lower blaze. Both trees also have sign 54-3, Bearing Tree, nailed above the blazes and sign 54-9, Land Survey Monument, nailed to back.

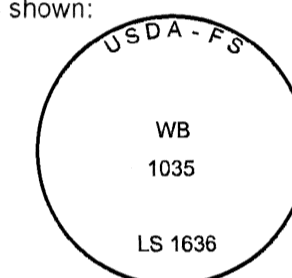
**DESCRIPTION OF CORNER EVIDENCE FOUND:**

Found a 5/8 inch iron rod, with 1 1/2 inch aluminum cap, mkd. as shown:

From which:

A 6 inch fir snag, dead and down, with WB 1035 BT visible on open double blaze, bears S85 1/2° E, 151.3 ft. dist.

An 18 inch Douglas fir, alive and healthy, with healed double blaze, bears S21°W, 240.9 ft. dist.



**DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED TO PERPETUATE LOCATION OF THIS CORNER:**

New BT:

A 9 inch ponderosa pine mkd. WB 1035 BT on single blaze, with a 3/4 inch brass tag in face mkd. LS 91201, and 2 1/2 inch MAG nail in right side center, bears N79 1/2°W, 226.0 ft. dist.

NAD 83 Geodetic Position:  
 Lat. 45°40'08.1" N  
 Long. 118°08'28.8" W

Established by: Garmin Etrex

Bearing are measured to the brass tag, and distances to the MAG nail, where used. All bearing trees are painted with 6 inch red bands, and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.

Accessories were taken using dual frequency carrier-phase GNSS receivers.

Witnesses: Kristina Powell, Shar Hutchison, and David Quittschreiber  
 Date: 7/8/2020

**UNION COUNTY  
SURVEYOR**

Date Received 1/21/21

Date Filed 1/21/21

By [Signature]

File No. 003-2021

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

[Signature]

OREGON  
MAY 9, 2017  
**KRISTINA POWELL**  
91201

EXPIRES 12-31-22

<b>Record of Survey</b> Umatilla National Forest		
LOCATED WITHIN Sections 20, 22, 23, 29, 30 & 31 Township 3 North, Range 38 East Willamette Meridian, Umatilla & Union Counties, Oregon		
<b>Wallowa Associates</b> 303 S.E. Alamo Street Enterprise, Oregon 97828 (541) 426-9049		
SCALE N/A	SHEET No. 6 of 6	DATE OF SURVEY Beginning: <u>8/30/2020</u> Ending: <u>9/4/2020</u>
DRAWN BY KLP	CHECKED KLP	PROJECT No. WA E203-02 / 3028
DATE <u>12/2020</u>		