

NARRATIVE

The purpose of this survey was to mark the boundary between private lands and National Forest System Lands along portions of the North and West lines of Section 6, Township 1 North, Range 9 East, Willamette Meridian, and the West line of Section 7, Township 1 North, Range 9 East, Willamette Meridian in Hood River County, Oregon. This is under the authority of a "basic ordering agreement" between the Gifford Pinchot National Forest and Hagedorn, Inc. and is in conjunction with contract No. 53-05K3-0-061922a. This particular project is called the "903 Cadastral Survey", Area 1, "Green Point".

The South line of Township 2 North, Range 9 East was initially established in this area by Laban Wheeler, United States Deputy Surveyor, under contract No. 482 in 1883. In 1884, Newton Clark, USDS, surveyed the West line of Township 1 North, Range 9 East, Willamette Meridian under contract No. 502. In 1897, William E. Campbell surveyed West from the Southwest corner of Township 2 North, Range 9 East, in conjunction with his contract No. 668 for Township 2 North, Range 8 East. In his retrocement, he notes 4 line trees and the Northwest corner of Section 6, set by Clark in 1884. The closing corner for Township 1 North, Range 8 East and Range 9 East was calculated and monumented by Hood River County forces in 1969. (This corner had been set by Geo. Frey, also with Hood River County, in about 1960. The 1969 survey discovered the 1960 position.) Their 1969 method was unclear, so I undertook a search for the line trees called in the retrocement of this line by William E. Campbell in 1897. I found all four line trees (two with notches) but no trace of the closing corner BTS. By single proportion between line trees, I recalculated the position for the closing township corner using the 1897 chainage and set a 2 1/4 inch aluminum pipe with aluminum cap. I also set reference monuments on the township line adjacent to and East of the two controlling line trees. The 1969 Hood River County 2 inch iron pipe bears 17 feet East and 2 feet South from the actual closing corner. The 1 inch iron pipe set by "Frey" bears 7 feet West and 32 feet North.

I happened to be at the BLM "Records Room" in Portland on other business a month ago. I needed the notes for the initial setting of the "stone" at the Southwest of Section 31, Township 2 North, Range 9 East. By accident, I copied the notes for the South line of Section 31 and noted that there were three line trees and good "colls" within 1500 feet of the "stone". I searched for the line tree at 85.10 chains first and found two possible stubs, no marks, badly burned and decayed. I noted that the creek call at 87.00 chains fit very well and there were several old growth fir remaining in the draw, as it was somewhat sheltered from the fires that have run up that 3000 foot South slope. I chained East from the 85.10 chain point and found the "bed of boulders" calls to fit within 40 feet. I found no trace of the 18 inch pine at 72.90 chains (only several fir stubs) and could not find any marks on the several 30 inch stub "line tree candidates" at the 70.00 chain mark. (Nearest and only old growth is 150 to 250 feet Southwest of here.) I conclude that no conclusive evidence of these three line trees remains and that the "Bishop 1/16 corner" 727 feet East of the Southwest corner of Section 31 is on the section line as shown on this survey (# 79103).

A survey of Section 31, Township 2 North, Range 9 East, Willamette Meridian, was done by Larry Bishop, LS #896, in 1979 (Hood River County drawing #79103). He set the 80-1/16 corner, (discussed above), on the North line of Section 6 and accepted the Northwest closing corner of Section 6 as reset by Hood River County in 1969. He did another survey in 1980 and marked the West line of Township 1 North, Range 9 East, Willamette Meridian (Hood River County drawing #80091). I grouted a brass cap in a boulder for a reference monument to the North 1/16 on the West line of Section 6 since the Northwest corner of the Section had been relocated as a result of my work. Bishop's pipe and brass cap at the North 1/16 on the West line of Section 7 seems to be mis-set so I grouted a brass cap in a 4' X 5' boulder for a reference monument to the actual 1/16 position. (Rock mounds seem to deteriorate and loosen greatly as a result of freezing, thawing and gravity; therefore I choose to set brass caps in rock for these 1/16 R.M.s in hopes of a more permanent point.)

Our survey work consisted of two closed-loop traverses running through the controlling monuments wherever possible and making a "double radial tie" to them when they could not be efficiently occupied. The primary random traverse loop was oriented to true meridian by a solar observation taken at a point 1300 feet South and 1200 feet West of the West quarter corner of Section 6. Subsequent traverse loops originated and closed on the first ones and so on. Equipment used was a one-second "total station" with EDM and data collector. Field notes and photographic evidence of the corners controlling this survey are on file at the offices of "Hagedorn Inc." in Vancouver Washington.

C.E. "Chuck" Whitten OR PLS #978
7/26/91



12N R9E
80-1/16 S6
T1N 1979
PLS 896

1 Found 2" iron pipe with brass cap in rock mound set by "Bishop" in 1979 (see Hood River County Drawing No. 79103).
1979 BT: 14" fir ~ S 83-1/2° E ~ 23.6' (with healed blaze)
1979 BT: 15" fir ~ S 50-3/4° E ~ 37.6' (with healed blaze)

2 Found a stone 36" x 30" x 24" with a "4" on top of South end. (No other notches could be found.) Replaced with a 2-1/4" aluminum monument with aluminum cap. I inverted "stone" on East side as a memorial.

1883 BT: 22" fir snag ~ N 65° W ~ 17.3' (with scribing visible)
1991 BT: 14" fir ~ N 80-1/4° W ~ 45.6' (scribed "12N R9E S36 BT")
1991 BT: 15" fir ~ N 44-3/4° W ~ 52.3' (scribed "12N R8E S36 BT")
1991 BT: 13" fir ~ N 24-3/4° E ~ 35.6' (scribed "12N R9E S31 BT")
1991 BT: 14" fir ~ N 71-1/4° E ~ 48.5' (scribed "12N R9E S31 BT")

MT. HOOD NATIONAL FOREST
"903 CADASTRAL SURVEY"

AREA No. 1 "GREEN POINT"
A SURVEY OF A PORTION OF THE
WEST LINE OF SECTION 7 & THE
WEST & NORTH LINES OF SECTION 6
T1N, R9E, W.M.
HOOD RIVER COUNTY, OREGON
CONTRACT No. 53-05K3-0-061922a

12N R9E
APRM-S36
T1N R9E
LS 978
1991

3 Found a 24 inch fir stub of line tree with partial notch (and overgrowth) on West side (called as being 4.80 chains West of Southeast 36). Set a 2-1/4 inch aluminum pipe with aluminum cap stamped as shown as a reference monument to the actual angle point in the center of the line tree 3.5 feet West.
1991 BT: 12" fir ~ N 10-3/4° E ~ 19.6' (scribed "S36APRMBT")
1991 BT: 12" fir ~ S 45° E ~ 21.4' (scribed "S6APRMBT")
1991 BT: 6" fir ~ S 38-3/4° W ~ 24.4' (scribed "S6APRMBT")
1991 BT: 6" fir ~ N 40° W ~ 19.3' (scribed "S36APRMBT")

LS 978
T1N R9E
APRM-S36
T1N R9E
LS 978
1991

4 Corner calculated by single proportion between line trees at "4.80 chains" and "18.63 chains". Set a 2-1/4" aluminum pipe with aluminum cap in rock mound.
1991 BT: 4" fir ~ S 75-1/2° E ~ 35.0' (scribed "X BT")
1991 BT: 9" fir ~ S 35-3/4° E ~ 36.2' (scribed "T1N R9E S6 CC BT")
1991 BT: 10" fir ~ S 9-3/4° W ~ 56.0' (scribed "T1N R8E S1 CC BT")
1991 BT: 8" fir ~ S 67-1/4° W ~ 11.4' (scribed "T1N R8E S1 CC BT")
2" iron pipe with brass cap ~ S 84.43° E ~ 16.90' (set by Hood River County, 1969)
1" iron pipe with brass cap ~ N 12° 22' W ~ 32.24' (set by Hood River County, 1960?)

12N R9E
APRM-S36
T1N R9E
LS 978
1991

5 Found 24" fir line tree with 2 notches on East and West sides. (Called as being 18.63 chains West of Southeast 36.) I set a 2-1/4" aluminum pipe with aluminum cap stamped as shown as a reference monument to the actual angle point in the center of the line tree 2.5' West.
1991 BT: 7" pine ~ N 17-3/4° E ~ 28.2' (scribed "S36APRMBT")
1991 BT: 17" fir ~ N 50° E ~ 30.3' (scribed "S36APRMBT")
1991 BT: 19" fir ~ S 00° E ~ 9.9' (scribed "S36APRMBT")
1991 BT: 12" fir ~ N 55-1/4° W ~ 13.8' (scribed "S36APRMBT")

T1N R9E
RM K9E
1991 N 1/16
LS 978 S6

6 Grouted a 2-1/2" brass cap in a 4' x 4' boulder as a reference monument to the 1/16 corner.
1991 BT: 10" maple ~ S 47° W ~ 77.5' (scribed "N 1/16 S6RMBT")
1991 BT: 10" maple ~ S 20-3/4° E ~ 44.5' (scribed "N 1/16 S6RMBT")
From the reference monument brass cap above described:
The actual 1/16 corner (not set), N 71° 05' W ~ 3.77'
2" iron pipe with brass cap in rock mound ~ N 85° E ~ 4.0' (Bishop, 1980)

T1N R9E
RBE 1/4 R9E
S1 S6
1969 625

7 Found a 2" iron pipe with brass cap set by Hood River County in 1969.
1884 BT: 40" fir uproot stump ~ West ~ 5' (no marks)
1969 BT: 40" cedar stump ~ N 53° W ~ 35.0' (scribed "1/4 S1BT")
1991 BT: 7" noble fir ~ N 86-1/2° E ~ 16.8' (scribed "1/4 S6BT")
1991 BT: 11" fir ~ S 34° E ~ 24.2' (scribed "1/4 S6BT")
1991 BT: 12" fir ~ S 66-3/4° W ~ 45.4' (scribed "1/4 S6BT")
1991 BT: 7" fir ~ N 62° W ~ 13.9' (scribed "1/4 S6BT")
(Searched for corner 2 chains north of Green Point Creek with no success.)

T1N R9E
RBE S6
S1 S6
1969 625

8 Found 2" iron pipe with brass cap set by Hood River County in 1969. (Original GLO BTS: STNF)
1969 BT: 18" alpine fir ~ N 70° E ~ 20.6' (with healed blaze)
1969 BT: 18" hemlock ~ S 60° E ~ 15.2' (with healed blaze)
1992 BT: 12" fir ~ S 59° W ~ 37.6' (scribed "T1N RBE S12 BT")
1992 BT: 20" alpine fir ~ N 79° W ~ 27.5' (scribed "T1N RBE S1 BT")

T1N R9E
RM K9E
1991 N 1/16
LS 978 S7

9 Grouted a 2-1/2" brass cap in a 5' x 4' x 3' high boulder as a reference monument to the 1/16 corner.
1991 BT: 10" alpine fir ~ S 78-3/4° E ~ 55.4' (scribed "N 1/16 S7RMBT")
1991 BT: 11" alpine fir ~ S 20° W ~ 11.6' (scribed "N 1/16 S7RMBT")
I found the following 1980 BTS by "Bishop":
10" fir ~ N 25-1/4° E ~ 87.9' (scribed "N 1/16 S7BT")
21" alpine fir ~ S 34-1/2° E ~ 30.0' (scribed "N 1/16 S7BT") } TO 1991 R.M.
From the reference monument brass cap above described:
Nail in 2' x 2' x 2' boulder (Hood River County, 1969) ~ S 77° 09' E ~ 6.51'
2" iron pipe with brass cap in rock mound ~ S 80° 39' E ~ 3.59' (Bishop, 1980)
Actual 1/16 corner (not set) ~ S 89° 29' E ~ 6.21'

T1N R9E
RBE 1/4 R9E
S1 S7
1969 625

10 Found 2" iron pipe with brass cap set by Hood River County in 1969.
1884 BT: 30" noble fir stump ~ N 40° W ~ 5.1' (no marks)
1884 BT: 18" hemlock stump ~ S 40° E ~ 2.7' (no marks)
1969 BT: 14" hemlock stump ~ S 67° W ~ 25.6' (no marks)
1969 BT: 15" noble fir stub ~ N 50-1/2° E ~ 35.2' (scribe visible)
1991 BT: 6" fir ~ N 38-1/4° E ~ 42.6' (scribed "1/4 S7BT")
1991 BT: 6" fir ~ S 67-1/4° E ~ 20.1' (scribed "1/4 S7BT")
1991 BT: 35" fir stump ~ S 4-3/4° E ~ 68.8' (set 1/2" iron rod with "H.I. cap" in center)
1991 BT: 35" fir stump ~ S 89-1/2° W ~ 61.9' (set 1/2" iron rod with "H.I. cap" in center)

FILED

OCT 25, 1992
Richard S. Andry
COUNTY CLERK

OR PLS

REGISTERED
PROFESSIONAL
LAND SURVEYOR

WILLIAM F. HAGEDORN

JULY 6, 1988

8-25-92

SCALE 1"=400'
DATE 7/30/91
JOB NO. 90-203-1
DRA. BY CEW
CHKD BY CC
ORDERED BY BPT
SHEET 2 OF 2

HAGEDORN, INC.
1924 Broadway Vancouver, Wa.
98663
Ph: (206) 696-4428 (503) 283-6778

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