

MT. HOOD NATIONAL FOREST "903 CADASTRAL SURVEY"

AREA NO. 2
"MOSIER CREEK"

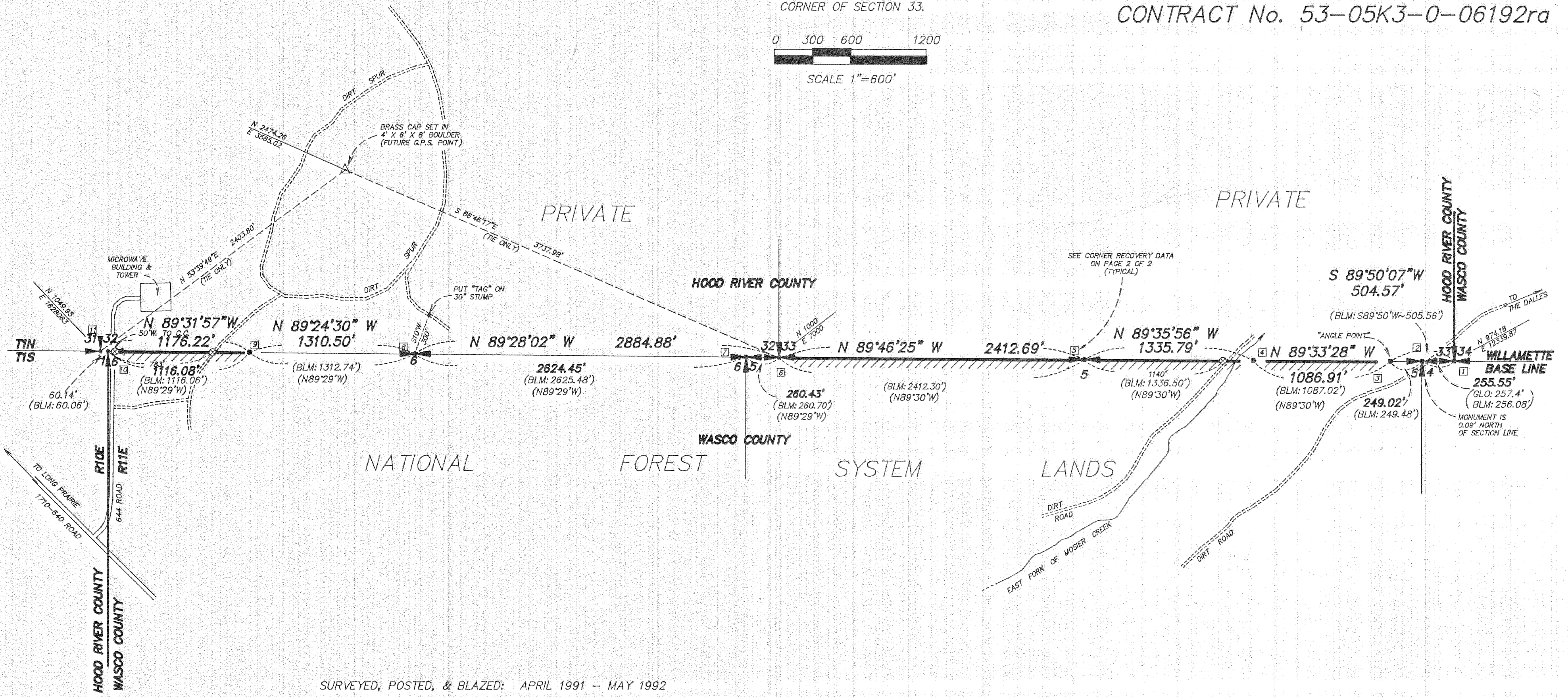
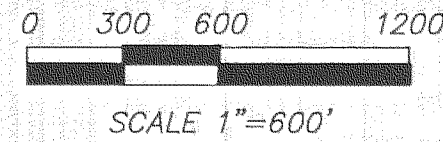
A SURVEY OF A PORTION OF
THE SOUTH LINE OF SECTIONS 32 & 33,
T1N, R11E, W.M. BETWEEN
HOOD RIVER COUNTY & WASCO COUNTY, OREGON
CONTRACT No. 53-05K3-0-06192ra

LEGEND

- MONUMENT FOUND AS NOTED
- ⊗ CARSONITE POST WITH "LOCATION STICKER"
NOTING DISTANCE TO ADJACENT CORNER
- ▬ BOUNDARY LINE MARKED WITH "CARSONITE
POSTS" AND BLAZED (BLAZES PAINTED WITH
ORANGE PAINT) (MAXIMUM INTERVAL BETWEEN
POSTS IS 150 FEET)
- () BLM RECORD DATA
- LOCAL COORDINATES



BEARINGS BASED ON A
SOLAR OBSERVATION
TAKEN APPROX. 4240' SOUTH
AND 4030' EAST OF THE SE
CORNER OF SECTION 33.



SURVEYED, POSTED, & BLAZED: APRIL 1991 - MAY 1992

C.E. Whitten
C.E. WHITTEN LS #978

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST
OF THE MOUNT HOOD NATIONAL FOREST SUPERVISOR

Mike Ash
FOREST SUPERVISOR

EXAMINED & ACCEPTED FOR THE UNITED STATES FOREST SERVICE
THIS 16th DAY OF July, 1992.

John Richmond
JOHN RICHMOND, C.O.R.

SURVEYED AT THE REQUEST OF THE USDA FOREST SERVICE

William F. Hagedorn
WILLIAM F. HAGEDORN LS #733

FILED

OCT 25, 1992
Richard G. Smith
COUNTY SURVEYOR

REGISTERED
PROFESSIONAL
LAND SURVEYOR
William F. Hagedorn
OREGON
JULY 8, 1963
WILLIAM F. HAGEDORN
733
7-3-92

SCALE 1"=600'
DATE 6/26/92
JOB NO. 90-203-2
CALC. BY CEW
DRAWN BY CC
CHECKED BY BPT
SHEET 1 OF 2

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

**MT. HOOD NATIONAL FOREST
"903 CADASTRAL SURVEY"**
AREA NO. 2 "MOSIER CREEK"
A SURVEY OF A PORTION OF
THE SOUTH LINE OF SECTIONS 32 & 33,
T1N, R11E, W.M. BETWEEN
HOOD RIVER COUNTY & WASCO COUNTY, OREGON
CONTRACT No. 53-05K3-0-06192ra

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO MARK THE BOUNDARY BETWEEN PRIVATE LANDS AND NATIONAL FOREST SYSTEM LANDS ALONG PORTIONS OF THE "WILLAMETTE BASE LINE" IN RANGE 11 EAST WHICH IS ALSO THE BOUNDARY BETWEEN HOOD RIVER AND WASCO COUNTIES, 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. 53-05K3-0-06192RA. THIS PARTICULAR PROJECT IS CALLED THE "903 CADASTRAL SURVEY"; "AREA 2"; "MOSIER CREEK".

THE WILLAMETTE BASE LINE WAS INITIALLY ESTABLISHED IN THIS AREA BY DAVID THOMPSON, UNITED STATES DEPUTY SURVEYOR, UNDER CONTRACT NO. 79 IN 1858. IN 1882, HENRY MELDRUM, USDS, RETRACED AND RESURVEYED THE PORTION OF THE BASE LINE IN RANGE 11 EAST IN CONJUNCTION WITH HIS WORK IN TOWNSHIP 1 SOUTH, RANGE 11 EAST, WILLAMETTE MERIDIAN UNDER CONTRACT NO. 436; HE FOUND THE 1858 CORNERS BY "THOMPSON" TO BE FROM 6 TO 8 CHAINS TOO FAR WEST AND SET NEW STANDARD CORNERS ALONG THE SOUTH LINE OF TOWNSHIP 1 NORTH, RANGE 11 EAST, WILLAMETTE MERIDIAN. HE THEN SUBDIVIDED TOWNSHIP 1 SOUTH, RANGE 11 EAST AND CLOSED ON THE "BASE LINE" (WHICH WAS THE NORTH BOUNDARY OF HIS TOWNSHIP). THE CLOSING CORNERS HE SET ARE GENERALLY TO THE WEST OF THE STANDARD CORNERS HE ESTABLISHED EARLIER. IN 1965 JAMES JELLEY, BLM CADASTRAL SURVEYOR, REMONUMENTED THE SOUTHEAST 33, SOUTHWEST 33, AND SOUTHWEST 32 FROM EXISTING EVIDENCE OF "MELDRUM'S" 1882 WORK. THERE IS A SURVEY OF SECTION 33 IN THE HOOD RIVER COUNTY SURVEYORS OFFICE THAT REFERS TO THE SOUTHEAST AND SOUTHWEST CORNERS OF SECTION 33 AS "FD GLO MON". THOSE "MON'S" PROBABLY ARE THE ONES SET BY "JELLEY" IN 1965 WHICH WOULD DATE THE SURVEY AS BEING DONE SOME YEARS LATER. THIS SECTION 33 MAP SHOWS AN ANGLE POINT IN THE SOUTH LINE AT THE SOUTH QUARTER CORNER POSITION AND ALSO SHOWS A "FOUND CENTER OF SECTION". IT APPEARS FROM THE DATA THAT THE "PIPE" FOUND NEAR THE SOUTH QUARTER 33 (SEE DISCUSSION FOLLOWING) IS THE SAME ONE USED IN THIS "1965+ SURVEY". IN 1968-72, THE BLM, (BY CADASTRAL SURVEYORS "CHITTIK & GOODSON") DID A DEPENDENT RESURVEY IN PORTIONS OF TOWNSHIP 1 SOUTH, RANGE 11 EAST, INCLUDING THE SOUTH LINE OF SECTIONS 32, 33, AND 34 OF TOWNSHIP 1 NORTH, RANGE 11 EAST, WILLAMETTE MERIDIAN. THEY REMONUMENTED THE CLOSING CORNERS SET BY "MELDRUM" IN 1882 AT THE NORTHEAST 5, NORTHWEST 5, AND NORTHWEST 6, TOWNSHIP 1 SOUTH, RANGE 11 EAST. THEY ALSO RECOVERED AND MONUMENTED THE "OLD CORNER" FOR SECTIONS 33 AND 34 SET BY "THOMPSON" IN 1858. THIS WAS HELD AS AN ANGLE POINT IN THE SOUTH BOUNDARY OF SECTION 33. THE BLM ALSO SET MONUMENTS AT THE EAST 1/16, 5; NORTH QUARTER 5; NORTH QUARTER 6; AND WEST 1/16, 6. OF THESE CALCULATED POINTS WE FOUND THE EAST 1/16, 5 TO BE 36.4 FEET NORTH OF "LINE"; THE NORTH QUARTER 5 TO BE 4.1 FEET NORTH OF "LINE"; AND THE WEST 1/16, 6 TO BE 1.2 FEET NORTH OF "LINE". I NOTIFIED THE BLM IN MAY, 1991 OF MY FINDINGS AND SENT THEM COPIES OF OUR TRAVERSES AND NOTES. THEY DETERMINED TO LEAVE THE NORTH QUARTER 5 AND WEST 1/16, 6 AS SET IN 1968 SINCE, IN THEIR OPINION, THEY WERE ACCEPTABLE CONSIDERING THE STANDARDS IN EFFECT AND EQUIPMENT USED AT THAT TIME (1968-72). IN JUNE, 1991, A BLM FIELD CREW RE-SET THE EAST 1/16, 5. WE RE-TIED THIS POINT IN JULY, 1991, AND FIND IT TO BE 2.3 FEET NORTH OF "LINE". IT IS 0.4 FEET NORTH OF A LINE BETWEEN THE "ANGLE POINT" AND THEIR MONUMENT AT THE "N 1/4 5". AFTER CORRESPONDING WITH THE BLM, WE DETERMINED TO HOLD ALL MONUMENTS AS SET AND POSTED THE BOUNDARY LINE BETWEEN THEM IN MAY, 1992.

IN THEIR 1968 RETRACEMENT, THE BLM NOTES A PIPE AND BEARING TREE VERY NEAR TO THE POSITION FOR THE SOUTH QUARTER 33 AND A STONE AND BT VERY NEAR TO THE POSITION FOR THE SOUTH QUARTER 32. THESE STANDARD QUARTER CORNERS WERE NOT SHOWN AS BEING SET BY "MELDRUM" IN 1882. I MADE A RING COUNT ON THE "SOUTH QUARTER 33 BT" AND DATED IT TO AT LEAST 1890. (THE "SOUTH QUARTER 32 BT" HAS BEEN SUBSEQUENTLY DESTROYED BY LOGGING ACTIVITY). IT SEEMED LIKELY THAT THESE WERE, INDEED, QUARTER CORNERS ESTABLISHED BY "MELDRUM" BUT LATER DELETED FROM HIS NOTES FOR SOME REASON. I INQUIRED OF THE BLM TO SEE IF THEY HAD INVESTIGATED THIS POSSIBILITY. A CHECK OF THEIR "GROUP FILE" AND CONVERSATION WITH "MR. GOODSON" (ONE OF THE 1968 CADASTRAL SURVEYORS STILL IN THE EMPLOY OF THE BLM) INDICATED THAT THEY TOO SUSPECTED THAT THESE POINTS WERE SET BY "MELDRUM". THEY HAD MADE A CHECK OF THE ARCHIVES, BUT COULD FIND NO RECORDS TO SUPPORT THIS HYPOTHESIS. IN THE ABSENCE OF ANY DATA (SUCH AS BEARING AND DISTANCE TO THE "BT'S" OR DESCRIPTIONS OF THE MONUMENT ITSELF) THE BLM CHOSE TO IGNORE THESE TWO "MONUMENTS" AND RIGHTLY SO. I HAVE LINGERING SUSPICIONS ABOUT THESE POINTS BUT, UNFORTUNATELY, NO WAY TO CONNECT THEM WITH "MELDRUM".

A SURVEY OF SECTIONS 4, 5, & 6, TOWNSHIP 1 SOUTH, RANGE 11 EAST, WILLAMETTE MERIDIAN, WAS DONE BY DAN CRON, LS #1028, IN 1984 (HOOD RIVER COUNTY DRAWING #83075). HE MARKED ADDITIONAL BT'S AT THE SOUTHWEST CORNER OF SECTION 33 AND THE NORTHWEST CORNER OF SECTION 6; RESET THE NORTH QUARTER 6 BY PROPORTION (BLM IRON PIPE KNOCKED OUT BY LOGGING); AND NOTES THE WEST 1/16, 6 AS BEING 1.2 FEET NORTH OF "LINE".

OUR SURVEY WORK CONSISTED OF TWO CLOSED-LOOP TRAVERSES RUNNING THROUGH THE FOUND 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 4240 FEET SOUTH AND 4030 FEET EAST OF THE SOUTHWEST CORNER OF SECTION 33. THE SECOND TRAVERSE LOOP ORIGINATED AND CLOSED ON THE FIRST ONE. EQUIPMENT USED WAS A ONE-SECOND "TOTAL STATION" WITH EDM & 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. Whitten
C.E. "CHUCK" WHITTEN
OR PLS #978
6/29/92

T1N R11E
S33 S34
S4
T1S R11E
1965

- 1 Found a 2-1/2" iron pipe with BLM brass cap set by James Jelley in 1965 in a ring of stone from which bears:
- 1882 B.T.: 6" down pine ~ N23°W ~ 11 Ft. (with visible scribe)
 - 1965 B.T.: 15" white fir ~ N33°E ~ 39.5' (with healed blaze)
 - 1965 B.T.: 18" white fir ~ N75°W ~ 44.9' (with healed blaze)
 - 1991 B.T.: 11" fir ~ N00-3/4°W ~ 34.9' (scribed "T1N R11E S33 BT")
 - 1991 B.T.: 9" white fir ~ N66°E ~ 28.9' (scribed "T1N R11E S34 BT")

T1N R11E
S33
S5 S4
CC
T1S R11E
1968

- 2 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1882 B.T.: 20" pine stump (uproot) ~ S 39°E ~ 15.2' (with visible scribe)
 - 1882 B.T.: 25" fir snag (leaning) ~ S62°W ~ 62.7' (with visible scribe)
 - 1968 B.T.: 10" white fir ~ S17°E ~ 5.3' (with healed blaze)
 - 1968 B.T.: 14" white fir ~ S45°W ~ 14.1' (with healed blaze)
 - 1991 B.T.: 13" fir ~ S73°E ~ 23.1' (scribed "T1S R11E S4 CC BT")
 - 1991 B.T.: 14" white fir ~ S85°W ~ 16.1' (scribed "T1S R11E S5 CC BT")

AP
T1N R11E
S33
S5
T1S R11E
1972

- 3 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1972 in a ring of stone from which bears:
- 1859 B.T.: 38" pine stump ~ N10°E ~ 21.8' (with down log & open blazes)
 - 1972 B.T.: 27" white fir ~ S79-3/4°E ~ 20.2' (with healed blaze)
 - 1972 B.T.: 11" fir ~ N21-3/4°W ~ 31.1' (with healed blaze)
 - 1991 B.T.: 12" fir ~ S83°W ~ 22.8' (scribed "T1S R11E AP S5 BT")
 - 1991 B.T.: 9" white fir ~ N22°E ~ 18.1' (scribed "T1N R11E AP S33 BT")

E 1/16
S5
1991

- 4 Found 2-1/2" iron pipe with BLM brass cap reset by BLM field crew in June, 1991, under the "sweep" of an 8" fir stump, from which bears:
- 1991 B.T.: 8" white fir ~ S43°E ~ 46.9' (scribed "X, BT")
 - 1991 B.T.: 4" white fir ~ S60°W ~ 5.3' (scribed "X, BT")

1/4 S5
T1S R11E
1968

- 5 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1968 B.T.: 10" white fir ~ S15-3/4°E ~ 17.4' (with healed blaze)
 - 1968 B.T.: 13" fir ~ S32-1/2°W ~ 39.4' (with healed blaze)
 - 1991 B.T.: 12" white fir ~ S72-1/4°E ~ 39.0' (scribed "1/4 S5 BT")
 - 1991 B.T.: 13" white fir ~ S83°W ~ 52.9' (scribed "1/4 S5 BT")

T1N R11E
S32 S33
S5
T1S R11E
1965

- 6 Found a 2-1/2" iron pipe with BLM brass cap set by James Jelley in 1965 with "original stone" alongside from which bears:
- 1882 B.T.: 20" fir hi-stump ~ N38-3/4°E ~ 16.2' (opened to show scribing)
 - 1882 B.T.: 17" fir stub ~ N15-1/2°W ~ 10.2' (with healed blaze)
 - 1965 B.T.: 9" dead fir ~ N52-1/2°W ~ 14.6' (with visible scribe)
 - 1983 B.T.: 14" white fir ~ N58°E ~ 53.0' (with healed blaze, by "Cron")
 - 1991 B.T.: 16" white fir ~ N23°E ~ 36.2' (scribed "T1N R11E S33 BT")
 - 1991 B.T.: 5" white fir ~ N29°W ~ 17.6' (scribed "X BT")
 - 1991 B.T.: 7" white fir ~ N83-1/2°W ~ 30.2' (scribed "T1N R11E S32 BT")

T1N R11E
S32
S6 S5
T1S R11E
CC
1968

- 7 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1968 B.T.: 14" fir ~ S44-1/2°E ~ 34.3' (with healed blaze)
 - 1968 B.T.: 13" fir ~ S72-3/4°W ~ 41.6' (with healed blaze)
- (This corner not maintained.)

1/4 S6
T1S R11E
1968

- 8 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1968 B.T.: 24" white fir (dead) ~ S22°E ~ 21.7' (with healed blaze)
 - 1968 B.T.: 12" white fir ~ S73-1/2°W ~ 33.4' (with healed blaze)
 - 1983 B.T.: 15" fir ~ S6°E ~ 27.3' (with healed blaze; scribed by "Cron")
 - 1991 B.T.: 23" fir ~ S49°E ~ 47.7' (scribed "1/4 S6 BT")
 - 1991 B.T.: 17" white fir ~ S38-1/4°W ~ 47.9' (scribed "1/4 S6 BT")

NOTE: This corner was destroyed by logging activity and reset by "Cron" in 1983 by single proportionate measure. (See Hood River drawing # 83075).

W 1/16
S6
1968

- 9 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1968 B.T.: 17" fir ~ S62-1/4°E ~ 6.9' (with healed blaze)
 - 1968 B.T.: 12" white fir ~ S75°W ~ 19.8' (with healed blaze)

NOTE: This monument is 1.3' North of the section line and was not "maintained" in this survey.

T1N R11E
S32
S1 S6
R10E CC R11E
T1S
1968

- 10 Found 2-1/2" iron pipe with BLM brass cap set by "Chittick & Goodson" in 1968 in a ring of stone from which bears:
- 1968 B.T.: 10" fir ~ S62-1/2°W ~ 29.5' (with healed blaze)
 - 1982 B.T.: 10" white fir ~ S21-1/2°E ~ 20.5' (with healed blaze by "Cron")
 - 1991 B.T.: 11" white fir ~ S88-1/4°E ~ 57.7' (scribed "T1S R11E CC S6 BT")
 - 1991 B.T.: 7" white fir ~ S33-1/2°W ~ 76.7' (scribed "T1S R10E CC S1 BT")

T1N R11E
S31 S32
S1
T1S R10E
1965

- 11 Found a 2-1/2" iron pipe with BLM brass cap set by James Jelley in 1965 in a ring of stone from which bears:
- 1882 B.T.: 21" white fir ~ N60-1/2°E ~ 20.9' (with visible scribe)
 - 1882 B.T.: 19" rotted fir stub ~ N15°W ~ 11.5' (no marks)
 - 1965 B.T.: 14" white fir ~ N38°E ~ 27.7' (with healed blaze)
 - 1965 B.T.: 11" white fir ~ N44-1/2°W ~ 11.5' (with healed blaze)
 - 1991 B.T.: 17" white fir ~ N2-1/2°E ~ 19.0' (scribed "T1N R11E S32 BT")

CORNER RECOVERY DATA

Monuments recovered in conjunction with this survey were "maintained" in the following manner: Bearing trees found and established herein have an orange band painted at "DBH". A 54-3 sign ("Bearing Tree") is attached facing the corner and a 54-9 sign ("Land Survey Monument") is attached on the back of the tree. All "new BTs" are blazed and scribed with the appropriate markings and have a brass washer marked "LS 978" tacked in the lower half of the newly scribed "B". Distances are to the center of the tree, one foot above ground. Bearings are true meridian observed by a theodolite with the horizontal circle oriented to "Cardinal" from adjacent traverse points.

FILED
OCT 25, 1992
Rick G. April
COUNTY CLERK
DEPUTY

REGISTERED
PROFESSIONAL
LAND SURVEYOR
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OREGON
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WILLIAM F. HAGEDORN
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