

FILED

OCT 6 1992

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

NARRATIVE FOR THE RESUBDIVISION OF SECTION 34, T30S, R1W, W.M.,
DOUGLAS COUNTY, OREGON

BY
SHANER ENGINEERING, INC.* FOR THE U.S. FOREST SERVICE,
SUMMER, 1992
(Filed Sept. 23, 1992)

The subdivision of Section 34, T30S, R1W, W.M., Douglas County, Oregon was first accomplished by B. Shaner in April 1980 (Douglas County Surveyor Map File RM 3-29). The North Quarter Section Corner, used in above survey, had been re-established by proportionate measure by Surveyor Wm. Ruppert, who had not found the original North Quarter Section Corner. (See Survey by Ruppert in 1977, County Surveyor Map File M69-4.) In 1985, Surveyor Leonard Herzstein, U.S. Forest Service, found the original N $\frac{1}{4}$ S Corner and subsequently Douglas County Surveyor Larry E. Monrean re-established said N $\frac{1}{4}$ S Corner with a brass cap, etc., in 1985. (Douglas County Surveyor - C.S. File 62/29).

In June, 1991, Surveyor Wm. Ruppert resurveyed the north line of Section 34, tying the original N $\frac{1}{4}$ S and established the new position of the E 1/16 Corner on the north line of Section 34, (Douglas County Surveyor C.S. File 63/78).

In the summer of 1992 Shaner Engineering re-subdivided Section 34 based upon the resurveyed north line of Section 34, T30S, R1W, W.M. In addition a GPS Station, "GPS Beaver Lake", established by Leonard Herzstein, Land Surveyor, U.S. Forest Service, was tied into the survey so as to establish Oregon State Plane Coordinates for the corners of Section 34. These coordinates are presently unavailable but will soon be added to this project file.

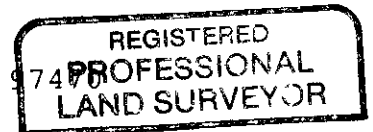
Shaner, in this survey, found the 1980 Survey corners to be in proper position and made the necessary corner moves and property line changes based upon said record 1980 Survey positions.

The corner notes for the corners reset by Shaner are attached. The existing corners on the North Line of Section 34 that were tied by Shaner in this survey were found to be as described in the recent surveys and Corner re-establishments and already recorded in Douglas County Survey Records. The legal corners shown as "Computed" on the new survey were not visited by Surveyor Shaner as found corners within the Section 34 gave adequate survey control to do the job.

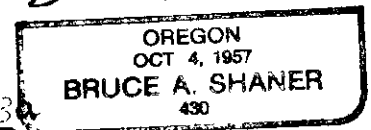
The field equipment was a Jena 0°00'01" theodolite and a Mac II electronic distance meter.

*By Shaner Engr., P.O. Box 1430, Roseburg, Ore.

Narrative to accompany map filed as R.M 3-76.



Bruce A. Shaner



R.M. 3-76

OREGON STATE PLANE COORDINATES, Resubdivision of Section 34, T30S, R1W, W.M., Douglas County, Oregon, Sept. 23, 1992, by Shaner Engr. for U.S. Forest Service

<u>PT ID</u>	<u>CORNER</u>	<u>NAD 83 Y-COORD</u>	<u>NAD 83 X-COORD</u>
1	BEAVER LAKE	469,359.76	4,299,289.92
400200	SW SEC 34	464,146.58	4,299,161.58
400220	S 1/16 W BDY	465,495.39	4,299,172.68
400240	W 1/4	466,844.20	4,299,183.79
400300	NW SEC 34	469,509.21	4,299,258.28
420200	W 1/16 S BDY	464,107.55	4,300,484.82
420220	SW 1/16	465,452.37	4,300,506.56
420240	CW 1/16	466,797.19	4,300,528.30
437200	N 1/4 SEC 3, T31S, R1W	464,069.78	4,301,629.54
440200	S 1/4	464,068.53	4,301,808.06
440220	CS 1/16	465,409.36	4,301,840.43
440240	C 1/4	466,750.18	4,301,872.80
440260	CN 1/16	468,073.24	4,301,904.75
440300	N 1/4	469,396.30	4,301,936.69
460240	CE 1/16	466,703.63	4,303,204.08
460260	NE 1/16	468,030.80	4,303,233.04
460300	E 1/16 N BDY	469,358.32	4,303,262.00
500240	E 1/4	466,657.08	4,304,535.36
500260	N 1/16 E BDY	467,988.36	4,304,561.37
500300	NE SEC 34	469,319.63	4,304,587.37

HELD BEAVER LAKE GPS STATION (PT ID 1 ABOVE)

CONVERGENCE = -1° 35' 21.00"

SCALE FACTOR = 0.99990317

SEA LEVEL REDUCTION FACTOR = 0.999906

(BASED ON AVERAGE ELEVATION OF 2000 FT)

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Bruce A. Shaner

OREGON
OCT 4 1857
BRUCE A. SHANER
430

C.S. File No. 63/96-3b

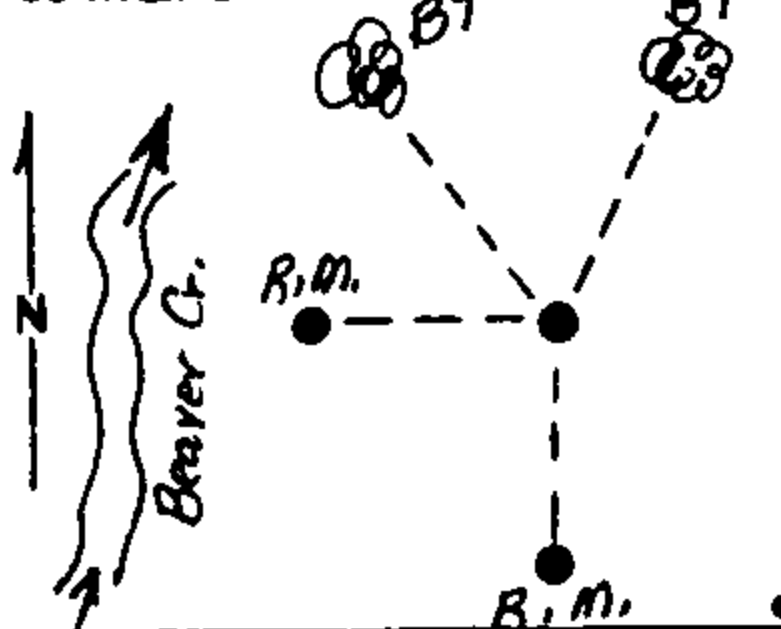
index
File No.

T. 305 R. 1W
Merid. Willamette

R.D. Tiller
N.F. UMPQUA

County Douglas
State OREGON

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 1980 Monument & remarked as R.M. to
New Corner Position on rock.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

N/A

PHOTO IDENTIFICATION DATA

Photo No. 2488-51
Filed At.
Object Ident.
Ident. By

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Corner lies 80 feet East of Beaver Creek & 300 feet
North of end of private road in SW 1/4 Sec. 34.
Reach corner from end of said private road.

PLANE COORDINATE POSITION DATA

State Ore Zone South
x 4,301,872.80
y 466,750.18
Estab. By USFS
Agency

1AD
83

Signature Title Division Headquarters Date
Bruce A Shaner L.S. Shaner Engineering August 4, 1992



Bruce A Shaner



(SET)
CORNER RECORD (PERPETUATION)

MONUMENT DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

I chiselled an "X" on a 20 ft. x 20 ft. hard rock,
as it was too hard to place a rock cap on it.

ACCESSORIES DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Used existing BT's:
16" Cedar BT, scribes visible, bears N34°E, 35.8 feet.
24" Cedar BT, " " , bears N5 1/2°W, 54.7 feet.
Reference Mon., 2 1/2" Brass Cap on a 2"x28" Galv. Iron Pipe, marked "RM →"
7.02 feet, RLS 430, 1992", bears West, 7.02 feet.

Work Done By Bruce Shaner Title L.S. Date 8/4/92 State Registration No Oregon L.S. 430
Certified Cor Record Prepared? Yes X No Filed At Douglas County Date Sept. 3, '92

Reference Mon., 2 1/2" Brass Cap on a 2"x28" Galv. Iron Pipe, marked "RM ↑"
19.71 feet, RLS 430, 1992" bears South, 19.71 feet.
Painted red bands around BT's & attached 54-3 "BT" & 54-9 signs.
Set alum. post, South, 19.0 feet from Corner with 54-2 & 54-9 signs.
Mag. Decl. 20 1/2° E.

R.M. 3-76 (SET)

Sec. 34,

Index File No. _____

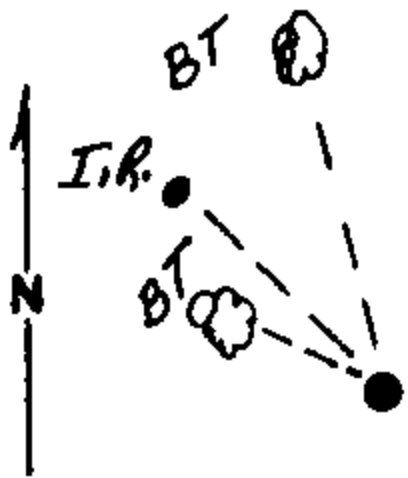
CORNER RECORD (SEARCH)
(Ref. FSM 7151.4)

Foot of Survey No. 53-04T1-2-98
Cor. No. NE 1/16

T 305 R. 1W
Merid. Willamette

R.D. Tiller County Douglas
N.F. UMPQUA State OREGON

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 1980 Brass Cap & moved to new position.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

N/A

PHOTO IDENTIFICATION DATA

Photo No. 2488-52
Filed At. _____
Object Ident. _____
Ident. By _____
Signature _____

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Corner at NE Corner of Clearcut in Section 34.
Walk East from USFS Road No. 31.

PLANE COORDINATE POSITION DATA

State Ore. Zone South
X 4303.233.04
Y 468.030.80
Estab. By USFS
Agency _____

NAD '83

Signature Bruce A. Shaner
REGISTERED PROFESSIONAL LAND SURVEYOR

Title L.S. Division Shaner Engineering Headquarters _____

Date July 29, 1992

7100-52 (3/68)

Bruce A. Shaner
OREGON
OCT 4, 1957
BRUCE A. SHANER
430

CORNER RECORD (PERPETUATION)

MONUMENT. DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

Set 2 1/2" Brass Cap on a 2" x 28" Galv. Iron Pipe, marked:
Pipe is set 24" in ground with collar of stone

T305, R1W, W.M.
RESET 1992
NE 1/16 S34
RLS 430
1980

ACCESSORIES DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Used existing BT's. 5/8" x 32" Iron Rod w/Alum. Cap bears N49°W, 6.98 feet.
18" D. Fir BT, face overgrown, bears N41°W, 5.0 feet.
18" W. Fir BT, " " , bears N21°W, 24.1 feet.

Painted red band around BT's & attached 54-3 "BT" signs & 54-9 L.S.M. Signs.
Set alum. fence post, West, 5.0 feet from mon. with 54-2 & 54-9 signs 10

Work Done By Bruce Shaner Title L.S. Date 7/29/92 State Registration No. L.S. 430, Oregon

Certified Cor Record Prepared? Yes No _____ Filed At Douglas County Date Sept 3, '92

Magnetic Decl. 20 1/2° E.

REMARKS

Corner: Sec. 34,
NE 1/16

Index File No. _____

CORNER RECORD (SEARCH) (Ref. FSM 7151.4)

Treaty or Survey No. _____

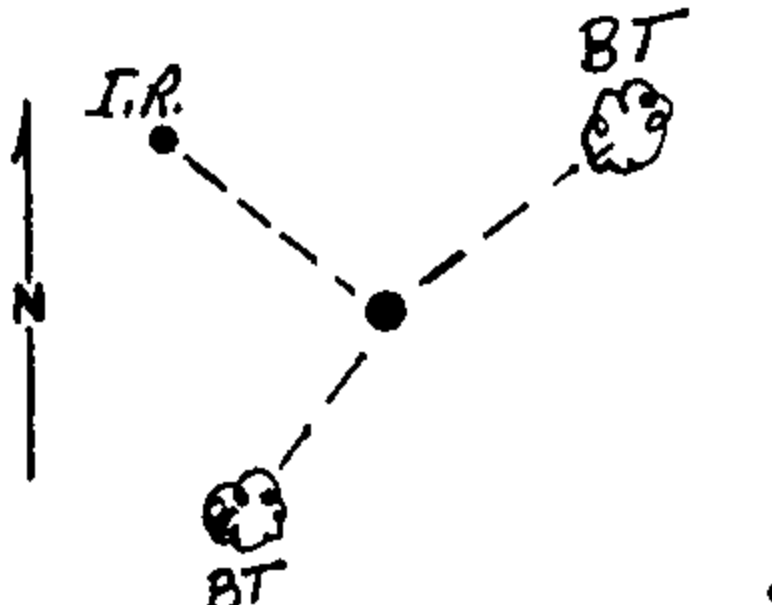
Cor. No. CN 1/16

T 30S R 1W

R.D. Tiller County Douglas

Merid. Willamette N.F. UMPQUA State OREGON

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 1980 Brass Cap & moved to new position.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

N/A

PHOTO IDENTIFICATION DATA

Photo No. 2488-51

Filed At _____

Object Ident. _____

Ident. By _____

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Corner at 4 Corner of Clearcut in Sec. 34. Walk East from USFS Road No. 31 or from Private Road in SW 1/4, Sec. 34.

PLANE COORDINATE POSITION DATA

State ORE Zone South

X 4, 301, 904.75

Y 468, 073.24

Estab. By USFS

NAD 83

Signature

Bruce A Shaner

Title

L.S.

Division

Shaner Engineering

Headquarters

Date

July 30, 1992

7100-52 (3 68)

REGISTERED PROFESSIONAL LAND SURVEYOR

Bruce A Shaner

OREGON OCT 4, 1957 BRUCE A. SHANER 480

CORNER RECORD (SET) (REPERPETUATION)

MONUMENT DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

Set 2 1/2" Brass Cap on a 2" x 28" Galv. Iron Pipe, marked. Pipe is set 24" in ground with a collar of stove.

T 30S, R 1W, W.M. RESET 1992 N 1/16 934

RLS 430, 1980

ACCESSORIES DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Used existing BT's. 5/8" x 32" Iron Rod w/Alum. Cap bears N 50 1/4° W, 14.07 feet.

16" Cedar BT, scribes visible, bears N 46° E, 57.9 feet.

12" Pine BT, scribes visible, bears S 31° W, 18.3 feet.

Painted red band around BT's & attached 54-3 BT signs & 54-9 L.S.M. signs.

Set alum. fence post, South, 5.0 feet from mon. with 54-2 & 54-9 signs.

Work Done By Bruce Shaner

Title L.S.

Date 7/30/92

State Registration No. Oregon L.S. 430

Certified Cor Record Prepared? Yes No

Filed At Douglas County

Date Sept. 3, '92

Magnetic Decl. 20 1/2° E.

REMARKS

Sec. 34, CN 1/16

53-0471-2-98

Index File No. _____

T 305 R. LW

Merid. Willamette

R.M. 3-76 (SET)

CORNER RECORD (SEARCH)
(Ref. FSM 7151.4)

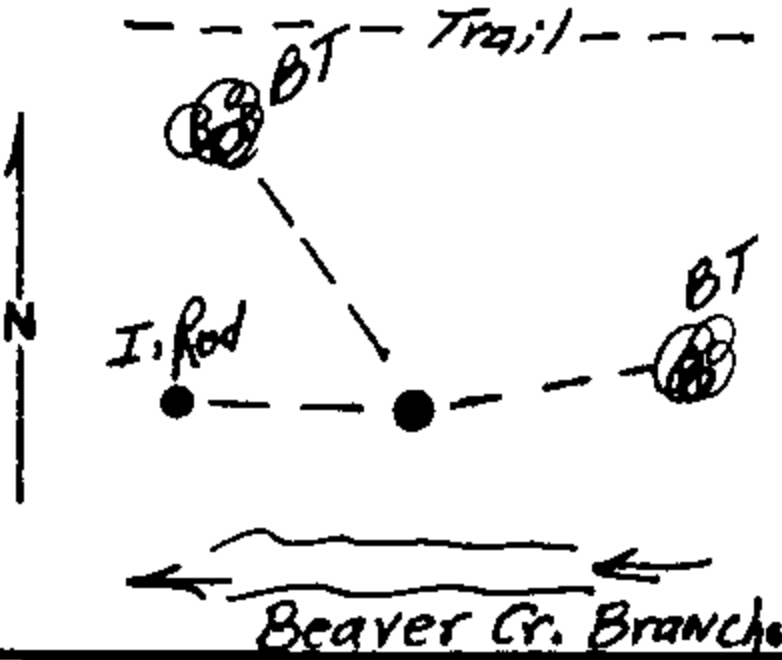
R.O. Tiller County Douglas

N.F. UMPQUA State OREGON

53-0471-2-98
Fract. or Survey No.

Sec. 34,
Cor. No. CS 1/16

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 1980 Monument & moved to new position.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

N/A

PHOTO IDENTIFICATION DATA

Photo No. 2488-51

Filed At. _____

Object Ident. _____

Ident. By _____

Signature

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Corner lies below old Beaver Creek Trail and adjacent a branch of Beaver Creek.
Reach corner from end of Private Road in SW 1/4 of Sec. 34 by walking Southeastery along Trail about 600 feet.

PLANE COORDINATE POSITION DATA

State ORE Zone South

X 4,301,840.43

Y 465,409.36

Estab. By USFS

Agency

NAD 83

Signature

Bruce A. Shaner

Title

L.S.

Division

Shaner Engineering

Headquarters

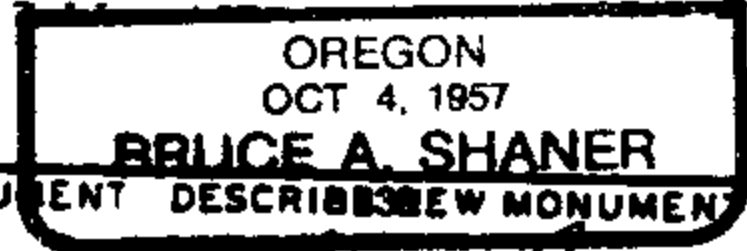
Date

August 5, 1992

7100-52 (3/68)



Bruce A. Shaner



CORNER RECORD (PERPETUATION)

MONUMENT DESCRIBES NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

SET 2 1/2" Brass Cap on a 2" x 28" Galv. Iron Pipe, marked: Pipe is 24" in ground with a collar of stone.

T305, R1W, W.M.
RESET 1992

CS 1/16 S34

RLS 430, 1980

ACCESSORIES DESCRIBE NEW BT's, WITNESS OBJECTS ETC. ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Used existing BT's;
24" D. Fir BT, scribes visible, bears S82°E, 32.6 feet.
24" D. Fir BT, face overgrown, bears N54°W, 42.0 feet.
5/8" x 32" Iron Rod with Alum. Cap bears S88 1/2°W, 3.29 feet.
Painted red bands around BT's & attached 54-3" BT" & 54-9 Signs.
Set Alum. Post, West, 5.0 feet from Corner with 54-2 & 54-9 signs.

Work Done By Bruce Shaner Title L.S. Date 8/5/92 State Registration No. Oregon L.S. 430

Certified Cor Record Prepared? Yes No _____ Filed At Douglas County Date Sept 3, 1992

Mag. Decl. 20 1/2° E.

REMARKS

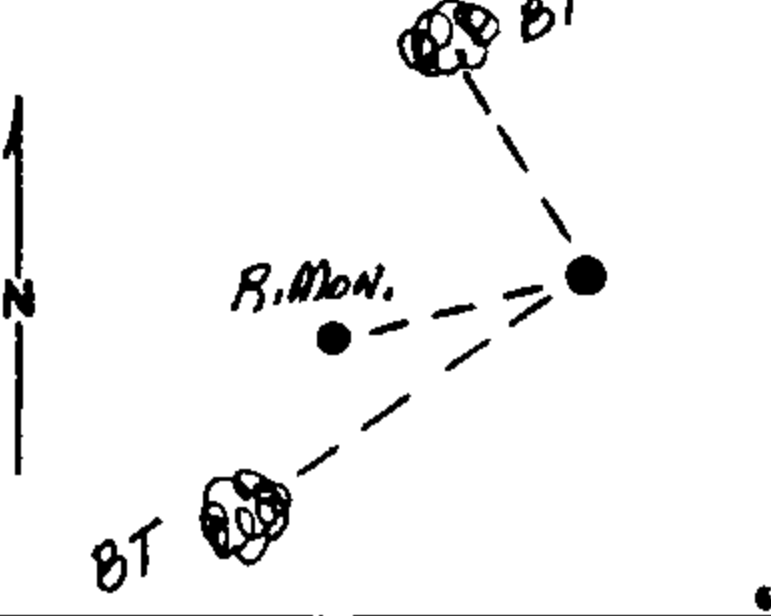
Corner: Sec. 34,
CS 1/16

Index File No T 305 R 1W, W. M

Fract. or Surv No 53-0471-2-98
Co. File No. 63/96-3f

T. 305 R. 1W R.D. Tiller County Douglas
Merid. Willamette N.F. UMPQUA State OREGON

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 1980 Monument & Remarked as R.M. to New Corner monument.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

N/A

PHOTO IDENTIFICATION DATA

Photo No. 2488-51
Filed At.
Object Ident.
Ident. By

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

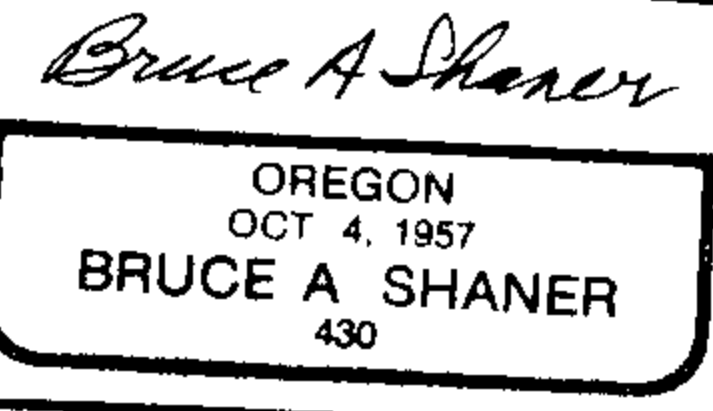
Corner lies in clearing of East facing bluff-like rocky ridge, 150 feet east of ridge top. (Ridge runs N-S).
Reach corner from North end of Road No. 532 & walk along ridge a distance of 1/4 mile, North, to Corner.

NAD
83

PLANE COORDINATE POSITION DATA

State ORE Zone South
X 4,300,506.56
Y 465,452.37
Estab. By USFS

Signature Title Division Headquarters Date
Bruce A Shaner L.S. Shaner Engineering August 6, 1992



(SET)
CORNER RECORD (PERMANENT)

MONUMENT DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

Set 3 1/4" Aluminum Cap, grouted in bedrock & marked: T305, R1W, W.M. SW 1/16 S34 RLS 430 1992

ACCESSORIES DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Used existing BT's:
18" Cedar BT, scribes visible, bears S71°W, 77.9 feet.
16" D. Fir BT, face overgrown, bears N37 1/4°W, 118.0 feet.
Reference Monument, 2 1/2" Brass Cap set in AC Concrete in rock, marked "6 R.M. 1.65 feet, RLS 430, 1992" bears S77°W, 1.65 feet"
Set Alum. Fence Post, South, 5.0 feet from corner with 54-2 & 54-9 Signs.

Work Done By Bruce Shaner Title L.S. Date 8/6/92 State Registration No Oregon L.S. 430
Certified Cor Record Prepared? Yes X No Filed At Douglas County Date Sept. 3, 1992

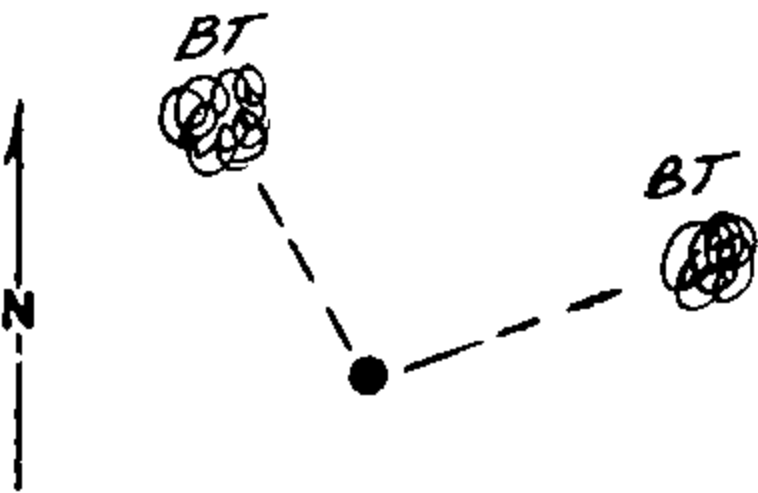
Printed red bands around BT's & attached 54-3 "BT" & 54-9 signs.

Mag. Decl. 20 1/2° E.

Index File No. Z-14
T 305 R. LW R.D. Tiller County Douglas
Merid. Willamette N.F. UMPQUA State OREGON

R.M. 3-76
CORNER RECORD (SEARCH) 53-0471-2-98 Sec. 34,
(Ref. FSM 7151.4) W 1/16,
Survey No. South Line

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

Found 2 1/2" Brass Cap on a 2" Galv. Iron Pipe, marked:
"T305, R1W, W.M., W 1/16 534 - , RLS430,
1980". Pipe is set 24" in ground with collar of stone.

DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

18" D. Fir BT, face overgrown, bears N13°W, 4.2 feet.
16" D. Fir BT, scribes visible, bears N72°E, 36.8 feet.

PHOTO IDENTIFICATION DATA

Photo No. 2488-51
Filed At. _____
Object Ident. _____
Ident. By _____
Signatures

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Corner lies in timber, North a distance of
300 feet from North end of Road No. 532.

PLANE COORDINATE POSITION DATA

State ORE Zone South
X 4300.484.82
Y 464.127.55
Estab. By USFS
Agency

NAD
83

Signature	Title	Division	Headquarters	Date	7100-52 (3/68)
Bruce A Shaner	L.S.	Shaner Engineering		August 6, 1992	

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Bruce A Shaner

CORNER RECORD (PERPETUATION)

MONUMENT. DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

No work necessary.

OREGON
OCT. 4, 1857
BRUCE A. SHANER
430

ACCESSORIES. DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

Set Alum. Fence Post, North, 5.0 feet from corner with signs
54-2 and 54-9.
Set Alum. Fence Post, West, 5.0 feet from corner with sign 54-2.
Painted red bands around BT's and attached 54-3 and 54-9 signs.

Work Done By Bruce Shaner Title L.S. Date 8/6/92 State Registration No. Oregon L.S. 430
Certified Cor Record Prepared? Yes No _____ Filed At Douglas County Date Sept. 3, '92

Magnetic Declination 20 1/2° E. REMARKS

Corner: Sec. 34
W 1/16
(South Line)

State File No: 63/96 - 3A
53-0471-2-98

Index File No. _____

T 305 R. 1W

Merid. Willamette

R.M. 3-76
CORNER RECORD (SEARCH)
(Ref. PSM 7151.4)

R.D. Tiller

N.F. UMPQUA

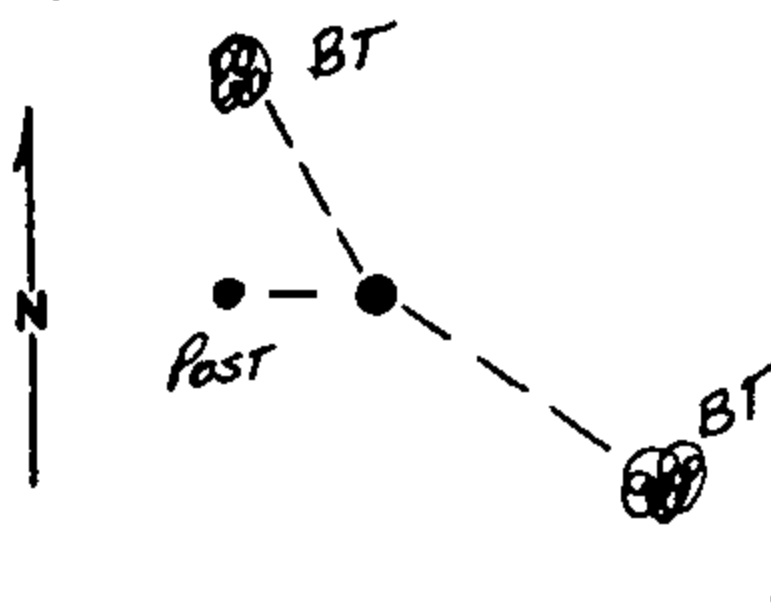
53-0471-2-98
Survey No. _____

County Douglas

State OREGON

GPS
Cor. "Beaver Lake"
No. _____

CORNER DIAGRAM



DESCRIBE CORNER MONUMENT FOUND

1 1/2" Diam. Alum. Cap set
ON 5/8" x 24" Iron Rod in
2 Ft. Diam. Mound of Stone



DESCRIBE BEARING TREES OR OTHER OFFICIAL ACCESSORIES FOUND

9" D. Fir w/Alum. Tag bears NB°W, 32± feet.
10" D. Fir w/Alum. Tag bears S34°E, 32± feet.
6 Ft. Alum. Post bears West, 1± feet. (Has 54-9 Sign Attached.)
Section Corner, Sec. 27, 28, 33, 34 bears N13 1/2°W, 152± feet.

PHOTO IDENTIFICATION DATA

Photo No. _____
Filed At. _____
Object Ident. _____
Ident. By _____
Signature

DESCRIBE CORNER LOCATION RELATIVE TO NEAR-BY FEATURES, ALSO HOW TO REACH CORNER

Go up U.S.F.S. Road No. 31 "Beaver Creek" for 2.1 Miles. Turn Left on U.S.F.S. Road 3100-305 (dirt road) and go 300 feet to GPS on Right.

PLANE COORDINATE POSITION DATA

State ORE Zone South
X 4,299,289.92
Y 469,359.76
Established By USFS
Agency

NAD
83

Signature

Bruce A Shaner

Title

L.S.

Division

Shaner Engineering

Headquarters

Date

August 4, '92

7100-52-13 681



Bruce A Shaner



CORNER RECORD (PERPETUATION)

MONUMENT DESCRIBE NEW MONUMENT SET, OR WORK DONE TO PRESERVE EXISTING MONUMENT

None.

ACCESSORIES DESCRIBE NEW BT'S, WITNESS OBJECTS ETC ESTABLISHED, OR WORK DONE TO PRESERVE EXISTING EVIDENCE

None.

Work Done By Bruce Shaner Title L.S. Date 8/4/92 State Registration No. of Agency Ore. 45 430

Certified Cor Record Prepared? Yes No _____ Filed At Douglas County Date Sept. 23, '92

REMARKS

Mag. Decl. 20 1/2° E

GPS
"Beaver Lake"

53-0471-2-98

Index File No.

T. 305 R. 1W W. M.

Tract or Surv No

C.S. File No. 63/96 - I

Cor. I