

FILED  
 DATE: 9-13-2016 BY: JC  
 THIS SURVEY CONSISTS OF:  
 MAP: \_\_\_\_\_  
 NARRATIVE: \_\_\_\_\_  
 CORNER RPT: CS 65/93-28  
 DOUGLAS COUNTY SURVEYOR

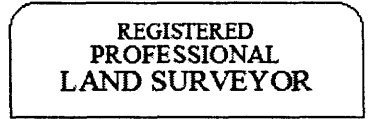
FS INDEX ID: N-23

**CORNER INVESTIGATION REPORT**

**CORNER:** 1/4                      **GCDB ID:** 640400                      **DATE:** 8/31/2016  
**TOWNSHIP:** 27S                      **STATE:** OREGON  
**RANGE:** 1W                      **COUNTY:** DOUGLAS  
**SECTION:** 13 & 24                      **FOREST:** UMPQUA  
**MERIDIAN:** W.M.                      **DISTRICT:** NORTH UMPQUA  
**NFSL PROPERTY BOUNDARY CORNER?:**  YES  NO

**HISTORY OF VISITATIONS:**  
 1902 - H.D. ANGELL, GLO SURVEY  
 1969 - J. POWELL ET. AL., CS 54/94  
 1980 - R. QUIMBY ET. AL., M79-57 & 79-56  
 2014 - R.B. WARD JR., CS 65/84-3

**LINE(S) POSTED:** SOUTH-1980 NORTH-1980  
**MAINTAINED:** SOUTH-2014 NORTH-NONE  
**GUARD POST(S):** SOUTH-NONE NORTH-2.8 FT  
**CORNER HISTORY:**



*Jonathan B. Drew II*  
 OREGON  
 DECEMBER 3, 2014  
 JONATHAN B. DREW II  
 89396  
 EXPIRES: 12/31/2017

(1902) - ESTABLISHED CORNER, SETS STONE AND 2 BT'S.  
 (1969) - "NO TRACE OF STONE", FINDS 1 BT, SETS BRASS CAP/IRON PIPE & 1 NEW BT.  
 (1980) - FINDS BRASS CAP/IRON PIPE & 1 BT, MARKS 1 NEW BT.  
 (2014) - FINDS BRASS CAP/IRON PIPE & 2 BT'S.

**MONUMENT FOUND/SET:**

FOUND A BENT 1-1/4" GALVANIZED IRON PIPE WITH A 2-1/2" DCSO BRASS CAP, ALSO FIND A MARKED STONE BEARS S55°E - 1.44 FT, MEASURES 10.5"x9"x6.5", (12"x10"x8")1902, PROJECTING 9" ABOVE GROUND ON NORTH SIDE & 4" ON SOUTH. STONE IS MARKED "1/4" ON THE NORTH FACE. BOTH THE STONE AND IRON PIPE RESIDE AT THE TOP OF A CUT BANK FOR AN OLD OVERGROWN ROAD. DOUGLAS COUNTY SURVEYOR, KRIS DeGROOT, IS OF THE OPINION THAT IT IS UNLIKELY THE STONE WAS IN PLACE DURING THE 1969 DCSO RENEWAL AND WAS INSTEAD RELOCATED NEAR THE DCSO MONUMENT BY PERSONS UNKNOWN AFTER BEING DISTURBED DURING ROAD CONSTRUCTION OR SUBSEQUENT LOGGING OPERATIONS. MR. POWELL, OF DCSO, LOCATED MANY ORIGINAL CORNERS IN THAT ERA & IN THIS TOWNSHIP. GIVEN THE LOCATION OF THE STONE, CUT BANK & HIS CORNER MONUMENT, MR. POWELL WOULD OF HAD TO STAND ON OR NEAR THE STONE TO SET HIS MONUMENT IF IT HAD BEEN IN PLACE. I AGREE WITH MR. DeGROOT AND ACCEPT THE 1969 CORNER MONUMENT. AT THE POSITION DETERMINED BY THE BASE OF THE FOUND IRON PIPE SET A "DEEP1" MAGNET WITH WASHER AND A 2-1/2" x 30" ALUMINUM PIPE WITH A 3-1/4" ALUMINUM CAP FLUSH IN A 2.5 FT DIAMETER MOUND OF STONE, INVERT & BURY THE DCSO MONUMENT ALONGSIDE TO THE EAST & PLACE THE STONE IN THE MOUND OF STONE WEST OF THE MONUMENT.

**RECORD CORNER ACCESSORIES:**

A 38" FIR BEARS, S16°57'E - 21.0 FT, WITH A HEALED SINGLE BLAZE.  
 NO TRACE FOUND OF A (10" FIR)1902, FALLS IN ROAD CUT.  
 A 52" FIR STUMP BEARS, S89°54'E - 68.1 FT TO SPIKE SET IN TOP, HEALED BLAZE.  
 A 18" FIR BEARS, N6°27'E - 21.0 FT, WITH A HEALED DOUBLE BLAZE.

**RECORD MEASUREMENTS:**

(S15°E - 23.1 FT)1902  
 (N41°W - 21.1 FT)1902  
 (N89°E - 68.8 FT)1969  
 (N7°E - 21.1 FT)1980

**NEW CORNER ACCESSORIES:**

A MAGNETIC SPIKE MARKING THE POSITON OF FOUND STONE BEARS S55°E - 1.44 FT  
 A 10" HEMLOCK BEARS, S49°31'W - 26.3 FT, MARKED "1/4S24" "BT".  
 A 12" HEMLOCK BEARS, N12°05'W - 19.4 FT, MARKED "1/4S13" "BT".  
 NEW BT'S ARE MARKED ON A DOUBLE BLAZE & INCLUDE A 3/4" BRASS WASHER MARKED "ORPLS#89396" NAILED FLUSH IN THE LOWER BLAZE BETWEEN THE B & T

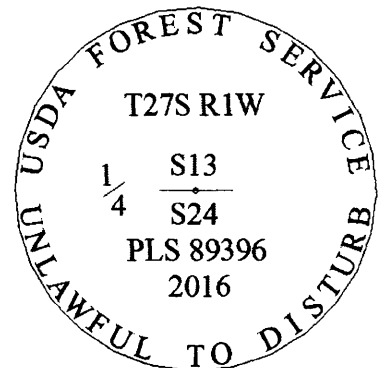
**METHOD OF MEASUREMENT:**

LEICA 1103+ TOTAL STATION,  
 BEARINGS BASED ON TRAVERSE  
 TIE TO CNI/16 S24, HOLDING RECORD  
 BEARING OF S0°23'16"W. DISTANCES  
 TO ALUMINUM NAIL SET AT SIDE  
 CENTER WITH BEARINGS TO CENTER.

**CORNER MAINTENANCE/OTHER INFO:**

CLEAR BRUSH FROM AROUND MONUMENT AND TO BT'S. TIE FLAGGING TO MONUMENT AND GUARD POST, PAINT BT FACES & A 6" BAND AT HEAD HEIGHT, ADD NEW NAILS TO EXISTING BT TAGS & ADD NEW TAGS WHERE NEEDED.

**CAP DIAGRAM:**



**GEODETIC COORDINATES:**

LATITUDE: N 43° 12' 44.147"  
 LONGITUDE: W 122° 45' 57.887"  
 ELLIPSOID HEIGHT: 2940 FT  
 DATUM: WGS 84

**DOCUMENTS ON FILE AT:**

3106 PIERCE PARKWAY, STE. D  
 SPRINGFIELD, OREGON 97477

SOURCE: USGS QUAD MAP, FOR NAVIGATION TO CORNER

**DATE OF INVESTIGATION:** 8/8/2016

**REPORT BY:** JONATHAN B. DREW II, PLS#89396, CFedS#1664

**ASSISTED BY:** JACOB HUNT, SURVEY TECH.

ANDREW HILLMAN, SURVEY TECH.

**THIS DOCUMENT FILED IN CS OFFICE:** YES

**OTHER DOCUMENT FILED WITH CS:** NONE

C.S. File No 65/93-28

**From:** Kris O. DeGroot [mailto:kdegroot@co.douglas.or.us]  
**Sent:** Monday, August 08, 2016 3:34 PM  
**To:** Drew, Jonathan -FS <jdrew@fs.fed.us>  
**Cc:** Ransom, John -FS <jransom@fs.fed.us>  
**Subject:** RE: 1/4 corner Sections 13 & 24, T27S R1W

Jonathan:

I have pulled the original CS File 54/94 field notes from the 1969 DCSO renewal & they read exactly as set forth in PLSS 27-01-640400 and were initialed by all three members of the field crew and OK'd by then County Surveyor, James W. Byron on December 11, 1969. Crew Chief, John Powell, renewed literally thousands of corners in Douglas County and was excellent at recovering and evaluating original corner evidence. CS File 54/94 contains a record of 71 corners renewed from original evidence, 39 of which an original corner stone was found, and 22 corners that were searched for but not found in T27S, R1W all by John Powell and crew from October to December, 1969. In the field notes, Powell notes whether the stone was firmly or loosely set, he notes whether any marks were visible on the stone and, if the stone was not found, he stated there was no trace of the stone. They obviously searched for the stone because they noted "No trace of stone" in the field notes and would have had to literally stand on the stone to dig a hole, typically 8"-12" in diameter, to set the brass cap. It is inconceivable to me that the stone that that you found 1.5 feet SE of the brass cap was there in 1969. I would speculate that the stone that you have found was Angell's original stone that was possibly displaced by the skid road constructed on the south side of the corner and that it was found by persons unknown and then reset 1.5 feet SE of the corner. I would also note that Quimby and Scroggins, in Surveys M 79-56 and M 79-57, both dated August, 1980 for the U.S. Forest Service, accepted the 1969 brass cap as the 1/4 corner and held it to subdivide Section 13 and section 24.

Therefore, since the monument was set from original evidence, has been in existence for nearly 47 years, and has been held to subdivide and mark property lies in two sections, I accept the 1969 brass capped iron pipe as a careful and faithful perpetuation of the original corner position. Hopefully you will either straighten and reset the 1969 monument or set a new monument in its place if you are not able to use it and note the existence and position of the found corner stone in your corner renewal. If there are enough stones in the corner area, you might consider incorporating the corner stone into a new mound of stone and so note that in your corner renewal.

Kris DeGroot, P.L.S.  
Douglas County Surveyor  
541-440-4281  
[kdegroot@co.douglas.or.us](mailto:kdegroot@co.douglas.or.us)

**From:** Drew, Jonathan -FS [mailto:jdrew@fs.fed.us]  
**Sent:** Wednesday, August 03, 2016 2:13 PM  
**To:** Kris O. DeGroot <kdegroot@co.douglas.or.us>  
**Cc:** Ransom, John -FS <jransom@fs.fed.us>  
**Subject:** 1/4 corner Sections 13 & 24, T27S R1W

Mr. DeGroot,

I was down in the Little River area of Douglas County yesterday for a right of way survey and found a marked stone (see photo) ~ 1.5 feet SE of a DCSO brass cap monument. I wondered if you had found or seen any 1/4 stones marked by Homer D. Angell and could identify if this stone is marked in the same fashion. I see that in 1969 the stone was not located and the corner set at record bearing and distance from the one remaining bearing tree. I measure exposed part of stone to be 8"x 6" x 9", it projects 4" on south side and 9" on north side. It is marked

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on the north face and firmly planted, I did not disturb the stone other than to brush some dirt away around the base to get dimensions. As this is a county corner monument I wouldn't want to do anything with this without first checking with your office. The county pipe is bent pretty badly to the north and the original bt is still in existence. Let me know what you think.

Thanks,



**Jonathan B. Drew II, PLS, CFedS**  
**Land Surveyor**  
**Forest Service**  
**Western Oregon Lands Zone(OZone)**  
[jdrew@fs.fed.us](mailto:jdrew@fs.fed.us)