

Date: 11/29/2007 By: JP

This survey consists of:

Map: M154-54

Narrative: \_\_\_\_\_

Corner Rpt: \_\_\_\_\_

NARRATIVE TO ACCOMPANY SURVEY PLAT  
 IN LOT 1 OF SECTION 20 AND LOT 4 OF SECTION 21  
 T. 32 S., R. 3 W., W. M.,  
 TO SET TRUE CLOSING CORNER OF SECTIONS 20 AND 21  
 DOUGLAS COUNTY, OREGON  
 FOR THE UMPQUA NATIONAL FOREST

**DOUGLAS COUNTY**  
**SURVEYOR**

PURPOSE OF SURVEY

I performed this survey to set the closing corner of sections 20 and 21 at the true intersection of the South boundary of section 16.

PROCEDURES

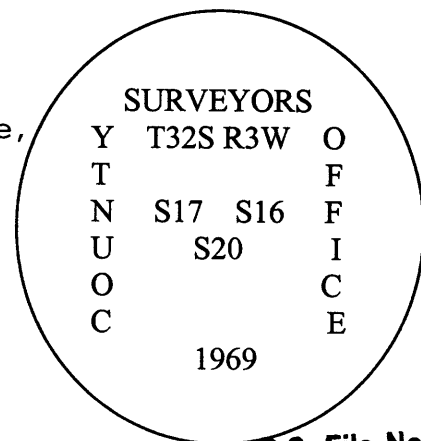
Glenn Baughman, on M56-20 in 1975, found the original closing corner to be 16.52 feet from the section line of section 16. From the 80 chain one-sixteenth corner, I projected the section line of sections 20 and 21 through the original closing corner to the intersection with the section line. I monumented the true closing corner position and buried the original closing corner to remove any confusion as to the correct closing corner position. I posted and blazed the section line of section 16 to Forest Service standard.

My survey was performed with a 1-second Leica total station. For my basis of bearings, I used the section 16 section line bearing of S. 87° 24' 33" W. from M56-20.

On M56-20, I found the platted bearing for the section line between sections 20 and 21 to be in error. Because of a typographical error, the bearing of N. 00° 16' 14" E. causes the face of the plat to mis-close by 34.8 feet around the NW1/4 of section 21. A bearing of N. 00° 16' 14" W. would close on the plat. The latter bearing agrees with M82-68 and my survey.

CORNERS FOUND

Section corner of sections 16 and 17 -  
Found a 1-1/4" outside diameter iron pipe, firmly set, projecting 14" above ground, with a 2-1/2" diameter brass cap marked as shown. The cap is twisted 45° clockwise.



From which the remains of the original bearing trees:

- a 32" Douglas fir, bears S. 70 E., 6.6 feet, with healed double blaze. Marks on tree were destroyed by Mensch in 1913 and the tree was rescribed by Powell in 1969 (rec. 1969, S. 71° E, 6.8 feet).
- an 8" decayed white fir snag, bears N. 40° W., 4.6 feet, with partially healed decayed double blaze (rec. 20", 4 links = 2.64 feet).

And bearing tree marked by Mensch in 1913:

- a 10" white fir, bears N 43° E., 12.5 feet, with healed double blaze (rec. 19 links = 12.54 feet).

And bearing tree marked by Baughman in 1969:

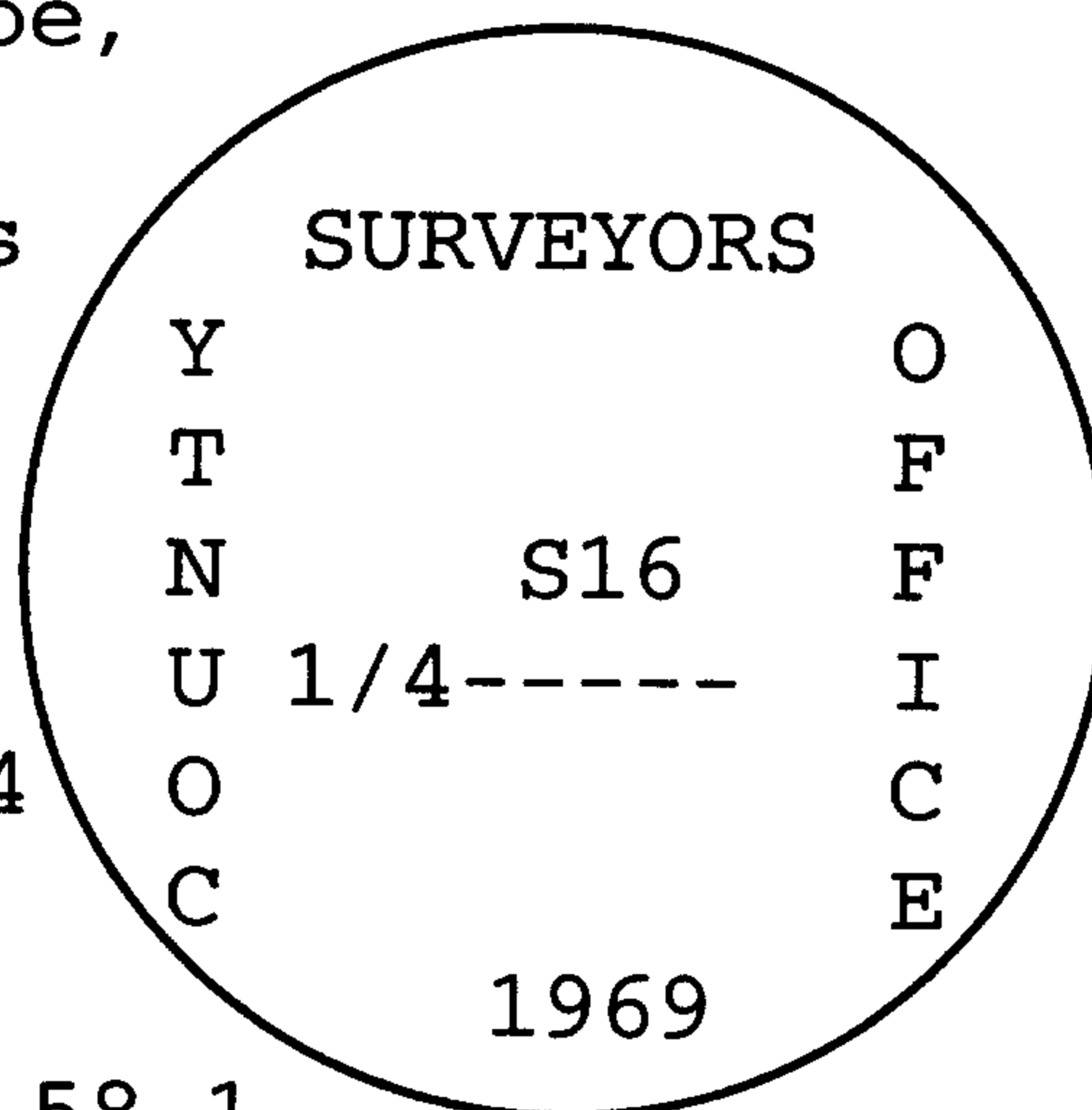
- an 18" Douglas fir, bears N. 68° W., 42.1 feet, with healed double blaze.

One-quarter corner of section 16 only -

Found a 1-1/4" outside diameter iron pipe, firmly set, projecting 14 inches above the ground, with a 2-1/2" diameter brass cap marked as shown.

From which the bearing trees marked by Wenderoth in 1946:

- a 36" white fir, bears N. 63° E., 58.4 feet, with healed double blaze. Tree was rescribed by Powell in 1969 (rec. 1946, N. 62° 55' E., 58.1 feet; 1969, 58.1 feet; 1975, N. 64° E.).
- a 12" yew, bears N. 33-1/2° W., 76.7 feet, with fragmentary scribe marks visible on partially healed double blaze (rec. 1946, N. 33° 43' W.; 1975, N. 34° W., 76.6 feet).



Closing corner of sections 20 and 21 -  
 Found a 1-1/4" outside diameter iron pipe,  
 firmly set, projecting 8 inches above  
 old roadbed, with a 2-1/2" diameter  
 brass cap marked as shown.

SURVEYORS

Y	T32S	R3W	O
T			F
N	S16		F
U	-----		I
O	S20	S21	C
C	C C		E
	1969		

From which the bearing trees marked by  
 Wenderoth in 1945:

- a 7" yew in Dismal Creek logjam, with  
 Forest Service tags.
- a 20" hemlock, bears S. 79° W., 100.5  
 feet, with healed double blaze (rec. 1945,  
 S. 80° 45' W., 111.5 feet; 1969, S. 80-3/4° W., 111.5 feet).

And bearing tree marked by Powell in 1969:

- a 20" Douglas fir, bears N. 14° 15' E., 7.9 feet, with  
 healed double blaze (rec. 1969, N. 8° E., 7.3 feet; 1975,  
 N. 8° E., 7.1 feet; 1980, N. 14° E., 7.0 feet). This tree  
 is on the old roadbed.

And bearing trees marked by Clark in 1980:

- a 24" Douglas fir, S. 52° 15' E., 17.9 feet, with healed  
 double blaze (rec. S. 51° E., 17.7 feet). This tree is  
 on the old roadbed.
- SW bearing tree has been washed away.

I bury the monument, a 32"x1" I.D. iron  
 pipe, flared at the base, 32 inches in  
 the ground. Per the B.L.M. Manual, I  
 add marks "AM" for Amended Monument and  
 marks "LS 2150" "2007" to the brass cap,  
 as shown.

SURVEYORS

Y	T32S	R3W	O
T			F
N	S16		F
U	-----		I
O	S20	S21	C
C	C C		E
	1969	2007	

This corner falls on the west side of  
 the old Dismal Creek road. Bearings for  
 this renewal are from my traverse,  
 rounded to the nearest 15 minutes.

North 80 chain one-sixteenth corner of  
sections 20 and 21 -

Found 2-1/4" outside diameter iron pipe,  
 firmly set, flush with 2-foot diameter  
 mound of stone, with 3" diameter brass  
 cap marked as shown.

T32S R3W  
 1/16

S20 S21

80  
 PLS 536 1975

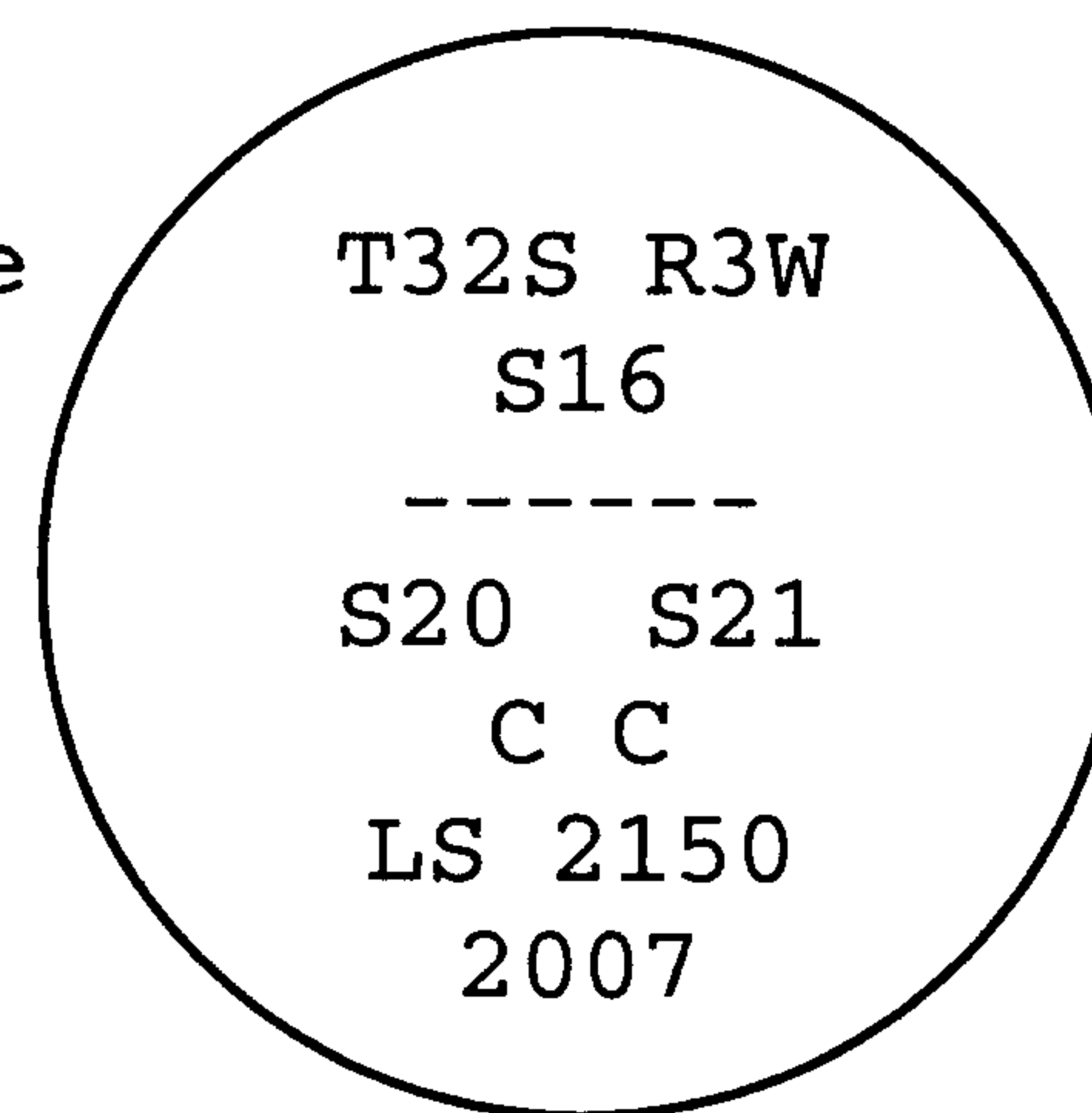
From which a bearing tree marked by Wenderoth in 1945:  
 - a 9" yew, bears N. 16-½° W., 41.9 feet, with fragmentary scribe marks on partially healed blaze (rec. 1945, N. 16° 27' W., 41.9 feet).

And accessories by Farr in 1984:  
 - a 24" white fir, bears N. 16° E., 26.1 feet, with healed blaze.  
 - a steel fence post, bears South, 3 feet, 4.5 above ground with Forest Service signs #54-2 "Property" and #54-9 "Land Survey Monument" attached.  
 - a carsonite post, bears West, 4 feet, 4.5 above ground with Forest Service sign #54-2 "Property" attached.

Corner is 50 feet west of old road and 25 feet east of the East Fork of Dismal Creek.

CORNER SET

Closing corner of sections 20 and 21 -  
 At the true intersection with the south line of section 16, I set a 2-1/2" inside diameter iron pipe, 32" long, set 26 inches in the ground, with a 3-foot diameter mound of stone to the cap. A 3-1/4" attached brass cap, pre-stamped "U.S. DEPT. OF AGRICULTURE FOREST SERVICE" "UNLAWFUL TO DISTURB CADASTRAL SURVEY", is marked as shown.



From which existing bearing trees:  
 - a 24" Douglas fir, bears S. 27° 45' E., 30.7 feet, marked in by Clark in 1980 with healed double blaze. This tree is on the old roadbed and the blaze faces N. 52° W.  
 - a 20" hemlock, bears S. 70° 15' W., 104.7 feet, marked by Wenderoth in 1945 with healed double blaze.

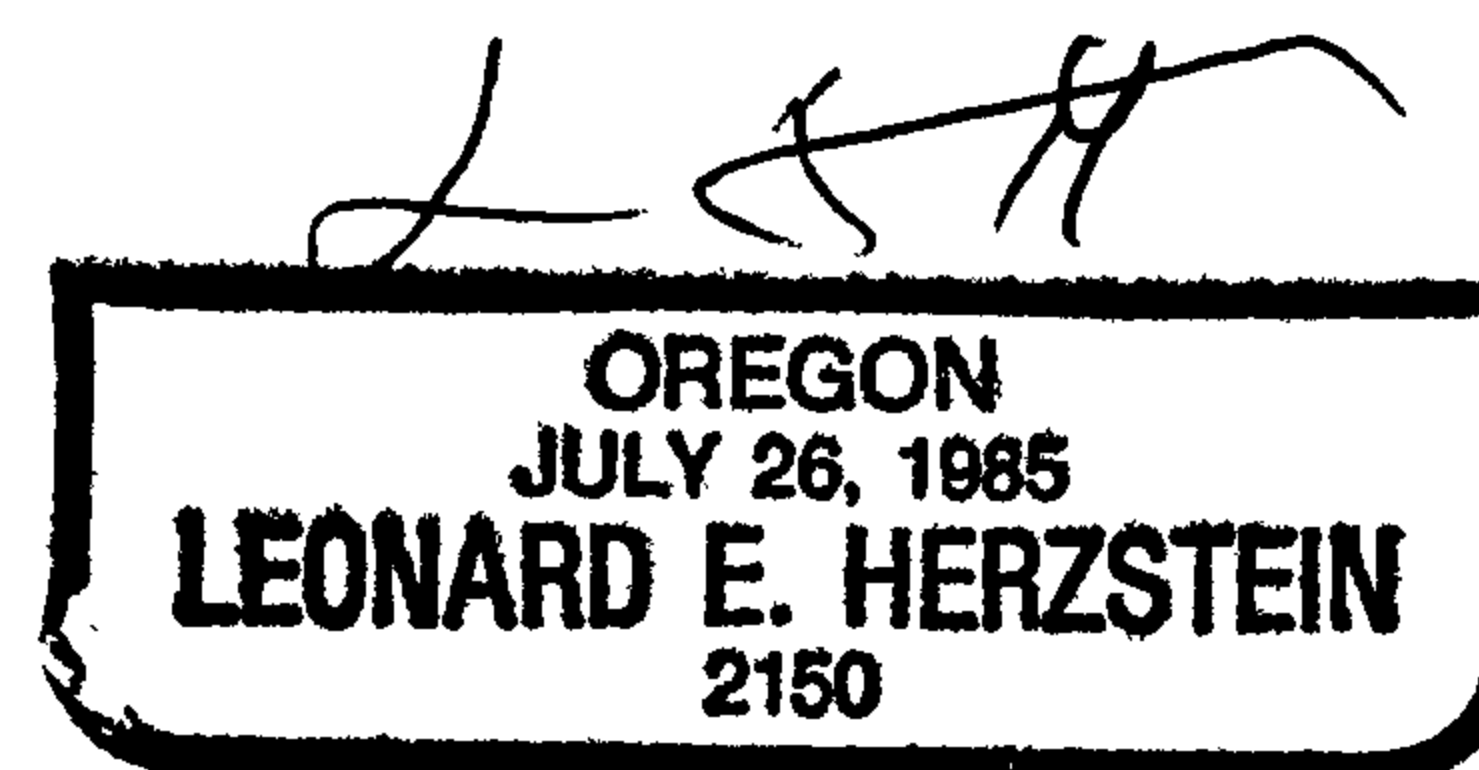
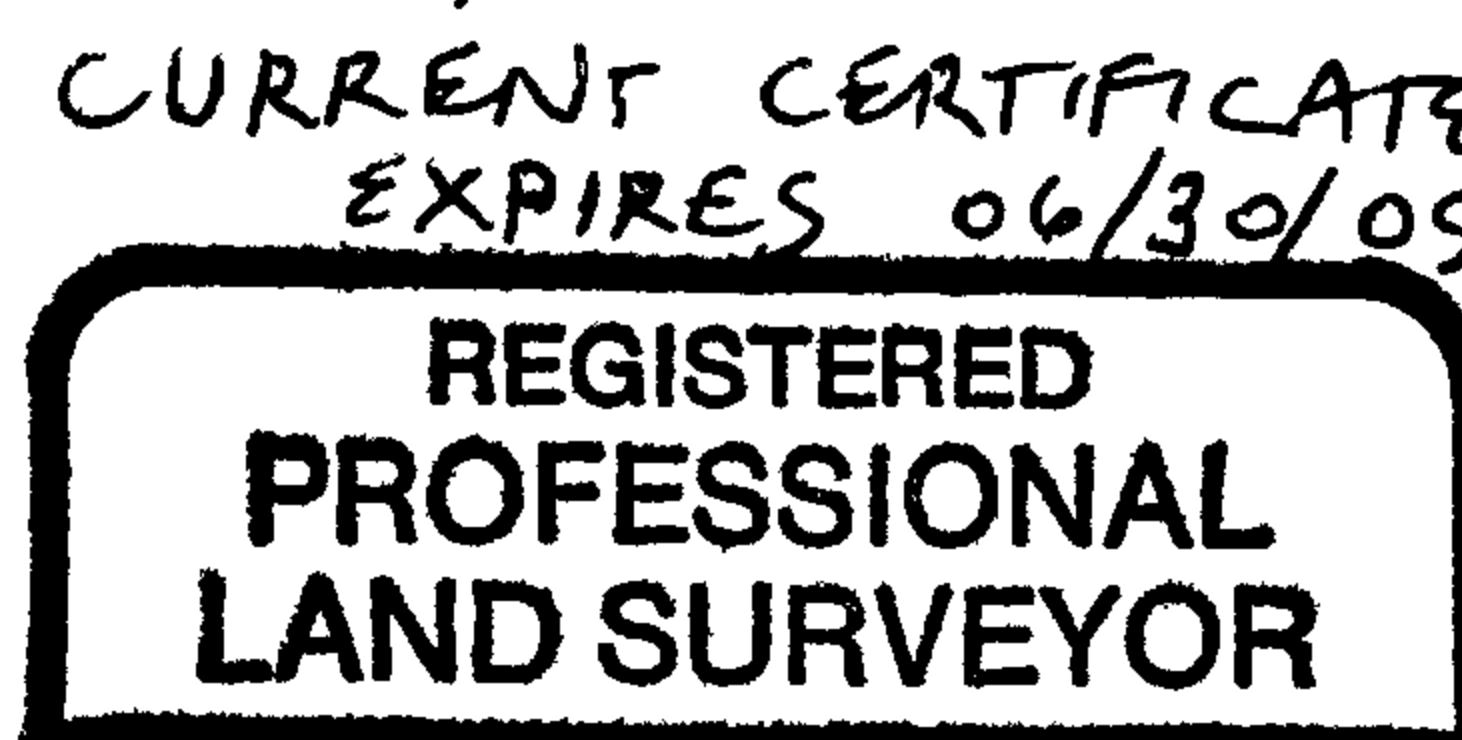
And new accessories I mark:  
 - a 3/8" rebar, 12" long, bears N. 84° 59' E., 26.52 feet, driven flush with the old roadbed with red plastic cap attached marked "CP · USFS"  
 - a 6-foot aluminum post, bears S. 87° E, 3.1 feet, driven 1.5 feet in the road ditch with Forest Service signs #54-2 "Property" and #54-9 "Land Survey Monument" attached.

- a 9" white fir, bears S. 21° 45' W. , 32.1 feet, scribed "T32SR3W S20 CC BT" on a single blaze. This tree is in the road ditch.

The corner falls on the cut bank of the old Dismal Creek road, approximately 6 feet from the west edge of the road. Bearings for this establishment are from my traverse, rounded to the nearest 15 minutes, except for the rebar with red plastic cap which is rounded to the nearest minute.

Bearing trees are measured to the center of the root crown. Tree diameters are at breast height. New bearing trees have a 3/4" brass washer, stamped "LS 2150", nailed to the "BT" portion of the blaze.

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Nov. 26, 2007