

See affidavit of correction
recorded in Book 137 pages 270-272
Deed records which amends and
corrects narrative

R.D. Layett
8/24/88

NARRATIVE OF SURVEY

Purpose of Survey

The purpose of the survey was to establish section lines and subdivide Section 36, T15S, R28E, WM, to delineate Forest Service lands from private by monumenting all found controlling corners, reestablish and monument lost corners, monument new corners established by survey and marking the property lines with steel fence posts set at a maximum interval of 250 feet with Property Boundary Signs attached.

Survey History

The Third Standard Parallel was surveyed by A. O. Eckelson, Deputy Surveyor, under Contract No. 328 dated June, 1879. The subdivision of T15S, R28E, and the east township line were surveyed by S. W. Lackland, US Deputy Surveyor, under Contract No. 384 dated March, 1881. Charles Palmer set a monument for the NW corner of Section 36 during the survey of Section 26 as shown on Grant County Map of Survey No. 707 recorded in September, 1981. No other surveys of record were found.

Survey Method

The survey method used was random closed traverse that included all the found and monumented corners. Property lines were posted by offsets from the random traverse to the true line. A solar observation was taken to establish a basis for bearings. Horizontal angles were measured to the right and doubled. The horizontal distance was measured from both ends of the line and averaged if the difference was less than 0.10 foot, otherwise, the distance was checked to determine the cause of the discrepancy.

Equipment Used

The instrument used was an OMNI Total Station with a built-in data collector. Data was transferred to a TRS-80 Model 100 computer with a PICDISC disk drive which reduced the data, balanced the traverse, if within the survey standards specified in the contract and Oregon state law, and executed all computations. Traverse data and computations were printed out on an Epson MX 100 printer. The data and all point coordinates have been saved on disk or cassette tape. A staff compass and 75' steel tape were used to determine the distance and bearing to most of the BTs.

Survey Evaluation

The Third Standard Parallel was poorly referenced during the original survey and many of the corners were wood posts. That coupled with natural and man-made destruction of corner evidence makes the finding of corners most difficult. It appears that a lot of wind-throw took place in this area near the turn of the century as well as evidence of wild fire. Logging activity has old skid trails across original corner locations and road building in the vicinity of some corners.

Several discrepancies have been found in the original field notes with what was found on the ground. At the south quarter corner for Section 36 the bearing tree was found to be generally facing S75°W and the notes at first glance appear to say it should face S25°W. However, on closer review of the field notes it appears the 25 could be interpreted either as a 25 or 75. Based on the control survey to the adjacent found corner, it was determined to set the corner in the direction the bearing tree faced because the distance from the quarter corner to the township corner would have been about 33 feet shorter and would not have been compatible with other evidence.

At the West quarter corner of Section 36, a mound of rocks with a wooden stake not of record was found. It was not at the exact record call for bearing, but due to the total absence of any evidence of the second bearing tree the mound and stake was accepted as being the best available evidence of the corner.

The CERTIFIED RECORDS OF LAND CORNER MONUMENTATION as recorded in the office of the Grant County Surveyor indexed on this map and as shown on the following Proof of Recording for each corner set by this portion of the survey are hereby made a part of this narrative to provide detailed corner information. All recorded documents for this project contain the Forest Service contract number as shown in the CERTIFICATION as a cross reference and identifier for this survey.

Respectfully submitted this 9th Day of March, 1987.

MAP OF SURVEY

SUBDIVISION OF SECTION 36, T15S, R28E, WM

CERTIFICATION

I, Leland Lee Myers, a Professional Land Surveyor registered in the State of Oregon, office located at 587 E. Auburn St., P.O. Box 98, Sumpter, OR 97877, do hereby certify that I did perform this survey November 20-26, 1986, as a contractor at the request of the USDA-Forest Service by Rail Cadastral Survey Contract No. 53-04H1-5-0125N and that the information shown hereon is correct to the best of my knowledge.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JULY 9, 1965
LELAND LEE MYERS
699

PROOF OF RECORDING

The following CERTIFIED RECORDS OF LAND CORNER MONUMENTATION in T15S, R28E, WM, were received from Leland Lee Myers, PLS 699 with this Map of Survey to be entered into the official county surveyor records.

Corner Index Nos.

No. of Corners
Monumented

T15S, R28E: V-23, V-25, X-21, X-23, X-24, X-25, Y-22
Y-23, Y-24, Z-17, Z-21, Z-22, Z-23, Z-25

Total Corners Submitted With This Map

14

I hereby certify that the CERTIFIED RECORDS OF LAND CORNER MONUMENTATION listed above have been filed in the Office of the Grant County Surveyor this 6 day of April, 1987.

Leland Lee Myers
Grant County Surveyor

LEGEND

Section Corners Previously Set

Section & 1/4 Corners Set by Found Evidence

Section & 1/4 Corners Set by Survey

C1/4 Corners Set by Survey

1/16 Corners Set by Survey

Posted National Forest Boundary Lines

Section Lines

Center Section Lines

Legal Subdivision of USFS Property

Record Bearing & Distance in Parentheses

(North, 40.00 ch)

Certified Corner Record Index No.
See Corner Restoration Records

(X-21)

Monuments Set by this survey are 2" Aluminum Pipes with 3/4" Aluminum Caps

