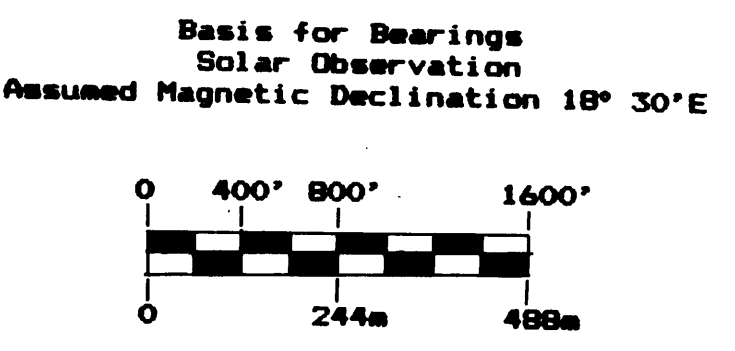


MAP OF SURVEY

SUBDIVISION OF SECTIONS 28, 29, 33, 34 & 35, T16S, R30E

AND SECTION 2, T17S, R30E, WM

- LEGEND
- Section & 1/4 Corners Previously Set
 - Section & 1/4 Corners Set by Found Evidence
 - Section & 1/4 Corners Set by Survey
 - 1/4 Corners Set by Survey
 - 1/16 Corners Previously Set
 - 1/16 Corners Set by Survey
 - Tree Monument
 - Posted National Forest Boundary Lines
 - NF Boundary Not Posted This Survey
 - Section Lines
 - Center Section Lines
 - Section Subdivisional Lines
 - Projected Lines
 - Legal Subdivision of USFS Property
 - Record Bearing & Distance in Parentheses
 - Survey Nos. 702 & 881 Bearing & Distance in Brackets
 - Certified Corner Record Index No.
 - See Corner Restoration Records



NARRATIVE OF SURVEY

Purpose of Survey
The purpose of the survey was to subdivide Sections 28, 29, 33, 34 and 35, T16S, R30E, and Section 2, T17S, R30E, WM, to delineate Forest Service lands from private by monumenting all found controlling corners, re-establish 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 South line of T16S, R30E, was surveyed by Bamford Robb, US Deputy Surveyor, under Joint Contract No. 357 dated July 2, 1880, and the township was subdivided by S.W. Lackland, US Deputy Surveyor, under the same joint contract. T17S, R30E, was subdivided by A. O. Eckelson by Joint Contract No. 366 dated August, 1880. Carl Sundet, PLS 1664, surveyed in Sections 19 & 20, T16S, R30E as part of Grant County Map of Survey No. 702 dated November 6, 1981. Robert Baggett, PLS 598, subdivided Section 32, T16S, R30E which was recorded on Grant County Map of Survey No. 881 dated September 14, 1985.

An unusual chaining notch or cruiser's mark was found at many of the corners included in this survey and was shaped "r". It dates from around 1920, based on a ring count, but there is not any documentation of evidence that may have been very useful during this survey.

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
Grant County Map of Survey No. 940 recorded by me in June, 1986, is an important part of this survey. It shows the necessary control needed to subdivide the sections shown on this map. Map of Survey No. 940 explains the problems encountered during this survey. A portion of the South Township Line was previously recorded by me on Grant County Map of Survey No. 935.

Some of the meadow hay fields belonging to the 96 Ranch lap over onto Forest Service lands, but they have negotiated Special Use Agreements with the Forest Service on these lands. Most fences were near the property lines and created no particular use problems except the west half-mile through the center of Section 34. The landowner, Robert Lemcke was told of the potential problem and he immediately contacted the Bear Valley Ranger District personnel so they could negotiate any trespass that may have occurred during the past.

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 30th Day of September, 1986.

PROOF OF RECORDING

The following CERTIFIED RECORDS OF LAND CORNER MONUMENTATION in T16S, R30E, and T17S, R30E, 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
T16S, R30E: R-11, S-5, S-7, S-9, S-10, T-5, T-7, T-10, T-11, T-13, U-10, U-11, V-10N, V-10W, V-11, V-15, V-19, W-11, X-11, X-15, X-19, X-21, Y-15N, Y-15E, Y-17, Y-19, Y-21, Z-11 & Z-15	29
T17S, R30E: B-19, B-21N, B21W, C-17, C-19, C-21, E-17 & E-21	9
Total Corners Submitted With This Map	38

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 30 day of September, 1986.

Robert S. Baggett
Grant County Surveyor

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 March 23 to June 30, 1986, as a contractor at the request of the USDA-Forest Service by Rail Cadastral Survey Contract No. 53-04H1-S-0125N and that the information shown hereon is correct to the best of my knowledge.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JULY 1, 1985
LELAND LEE MYERS
699

SEP 20 1986
Robert S. Baggett
John L. Wilson

All Pipe Monuments Found & Set by this Survey are 2" Aluminum Pipes with 3/4" Aluminum Caps