

CERTIFICATE OF SURVEY
DEPENDENT RESURVEY AND SECTION SUBDIVISION
OF SECTION 31, T.28N., R.30W., P.M.M.
KOOTENAI NATIONAL FOREST
LINCOLN COUNTY, MONTANA **DECEMBER 1987**

Forest Supervisor's Certificate

This Survey was made at my request for National Forest management purposes.

James F. Rathbun
James F. Rathbun, Forest Supervisor

Purpose of Survey

The purpose of this survey is to locate upon the ground, the title lines of record between private lands and National Forest System Lands. No division of land is hereby created.

Method of Survey

A Leitz Set 2 Total Station with an Electronic Field Book was used for this survey. The section was controlled using conventional closed traverse procedures to tie appropriate controlling corners and offsets computed.

Basis of Bearing

The bearing for this Certificate of Survey is based upon the Preliminary NAD 83 geodetic azimuth, 302°01'02", from "Cherry Azimuth Mark" to NGS Station "Cherry". These 1986 stations were established by N.G.S. using a Global Positioning System.

History of Surveys

1900 - Original surveys of the Libby Creek Guide Meridian, South and East Boundaries of T27 & 28 North, Range 30 West, and the Subdivisions of T28N R30W by Burton S. Adams

1904 - Hansen Placer No. 7439 (Patent filed Book 1 page 543). Raven Placer No. 7440, C and F Placer Report No.186 by Nimrod E. Jenkins

1911 - Deer Lodge Placer No. 9296 (Patent filed Book 22 page 318) by Paul D. Pratt.

1916 - Missoula Placer - Unsurveyed (Patent filed Book 32 page 320)

No Private Surveys of Record.

Surveyor's Notes

The geographic positions for Stations "Cherry" and "Cherry Azimuth Mark" are 48°10'52.3" Latitude and 115°32'40.4" Longitude and 48°10'01.1" Latitude and 115°30'37.9" Longitude respectively, as provided by N.G.S. The geographic position for the west 1/4 corner of section 31 was derived from a direct tie from "Cherry Azimuth Mark".

The Hansen and the Raven Placers are identical, as are the C and F and Missoula Placers.

This survey conforms to the USFS Region One Cadastral Survey Contract Specifications.

Corner Recordation forms for each corner shown hereon are on file with the Clerk and Recorder, Lincoln County Courthouse, Libby, Montana.

Certificate

I hereby certify that I am a registered land surveyor in the State of Montana, that the survey shown on this Certificate has been prepared in accordance with the Montana Code Annotated (Sections 76-3-101 through 76-3-614) and the Lincoln County regulations adopted pursuant thereto.

Alvah F. Hughes 7322LS 1-22-88
Alvah F. Hughes, Montana Registration No. 7322LS



Certificate of Examining Land Surveyor

Approved this 26th day of January 1988, A.D.

Bill Backhoff
Examining Land Surveyor Registration No. _____

Approved *Jack Williams*
Chairman, Lincoln County Commissioners

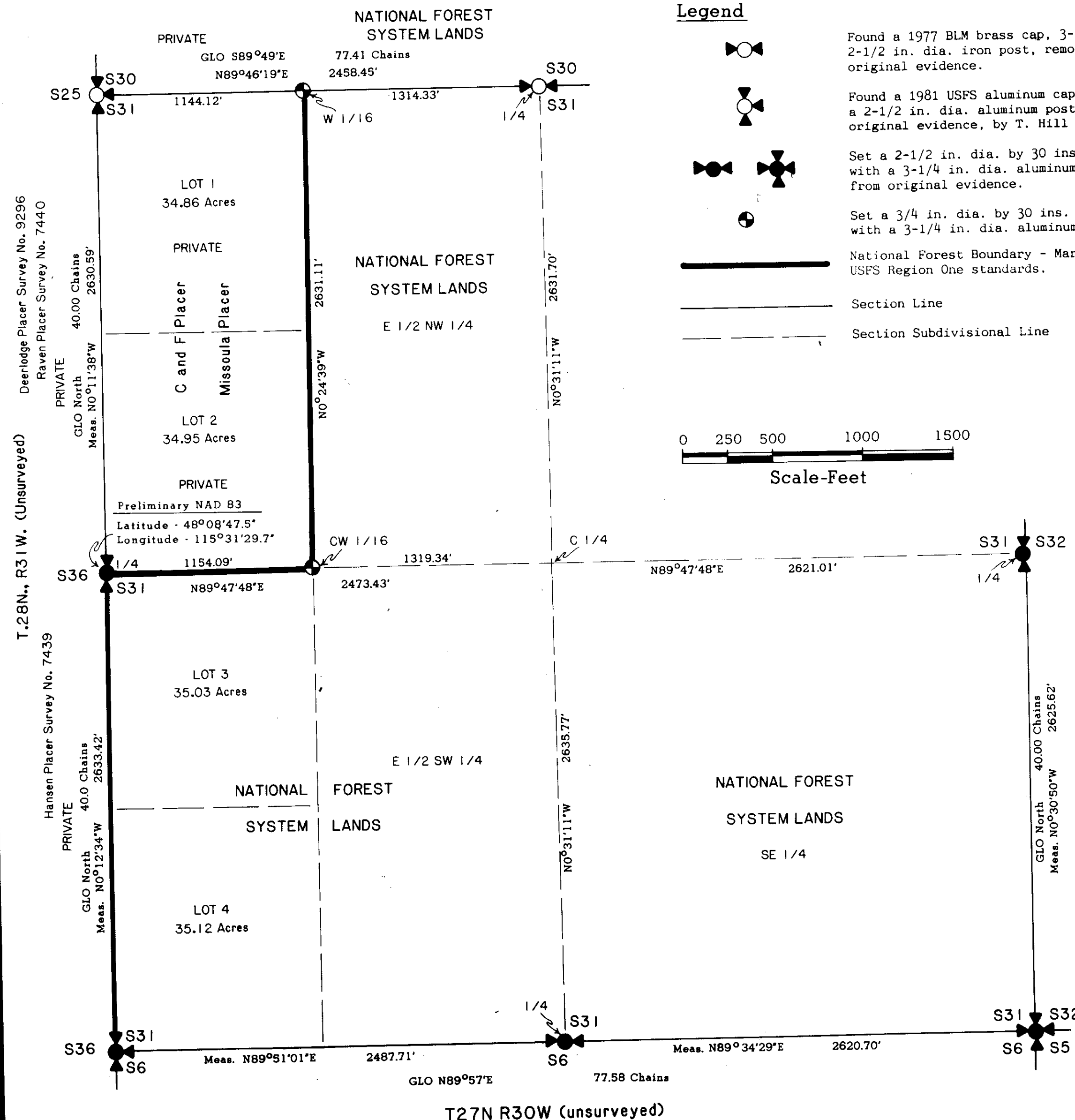
Certificate of Clerk and Recorder

State of Montana, County of Lincoln, filed this 28th day of

January 1988 A.D. at 9:45 o'clock A.M.

Janet B. Sigel by *James Dennis*
County Clerk Recorder Deputy

Certificate of Survey No. 4629



Legend



Found a 1977 BLM brass cap, 3-1/4 in. dia., on a 2-1/2 in. dia. iron post, remonumented from original evidence.



Found a 1981 USFS aluminum cap, 3-1/4 in. dia., on a 2-1/2 in. dia. aluminum post, remonumented from original evidence, by T. Hill 5612-S



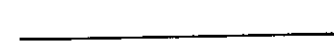
Set a 2-1/2 in. dia. by 30 ins. long aluminum post with a 3-1/4 in. dia. aluminum cap, remonumented from original evidence.



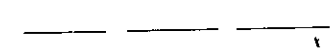
Set a 3/4 in. dia. by 30 ins. long aluminum rod with a 3-1/4 in. dia. aluminum cap.



National Forest Boundary - Marked and Posted to USFS Region One standards.



Section Line



Section Subdivisional Line

