

**CERTIFICATE OF SURVEY**  
**DEPENDENT RESURVEY AND SECTION SUBDIVISION**  
**OF SECTION 20, T.31N., R.31W., P.M., MT.**  
**KOOTENAI NATIONAL FOREST**  
**LINCOLN COUNTY, MONTANA**  
**OCTOBER 1988**

**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 Lietz Set 2 Total Station with a Lietz SDR2 Electronic Field Book was used by running conventional closed traverse procedures to tie appropriate controlling section and 1/4 corners and private monuments. Offsets to true line were computed for marking and posting the property lines.

**BASIS OF BEARING**

The basis of bearing for this Certificate of Survey is the bearing between the S1/4 and SW section corner as recorded on Certificate of Survey No. 1062 by J.H. Ninneman, 1982.

**HISTORY OF SURVEYS AND RECORDS**

1893, D. Mumtue: Original GLO subdivision of fractional township, including all of section 20.  
1901, A.L. Jacqueth: GLO retracement of north line of section 20 for completion of township subdivision.  
1963, Pittman, et. al.: BLM remonumentation of the following corners for section 20, SW, W1/4, NW, N1/4, NE, E1/4 and SE.  
1971: Plat of Survey No.'s 1836 and 1875 by Robert F. Burdick, 649-S. Surveyed a portion of SE1/4 SW1/4 section 20.  
1979: Certificate of Survey No. 665 by Jack H. Ninneman, 4661-S. Surveyed south half of west line of section 20.  
1982: Certificate of Survey No. 1062 by Jack H. Ninneman, 4661-S. Surveyed south half of section 20 and subdivided SE1/4 SW1/4.  
1987: Certificate of Survey No. 1546 by Thomas C. Hill, 5612-S. Surveyed north line of section 20.

**SURVEYOR'S NOTES**

Certificate of Survey No.'s 665 and 1062 by Jack H. Ninneman show correct procedures for setting proportioned corners and for subdivision of the SE1/4 SW1/4. I found his monuments at S1/4, CS1/16 and S1/64 on the west line to be within acceptable positional tolerance, therefore, I have accepted his corner positions. The relationships between private lot pins set by Ninneman and the Forest Service boundary line are shown in details on this certificate.

Plat of Survey No. 1865 by R.F. Burdick, does not clearly show whether proper procedures were used to set monuments. He does not have a legend to show what he set for monuments. I found several 3/4 inch iron pipes with small collars of stone that I assume were set by Burdick. I have shown their relationship to the Forest Service boundary line in details.

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

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

**CERTIFICATE OF SURVEYOR**

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* 7322-S  
Alvah F. Hughes, Montana Registration No. 7322-S

**MONTANA**  
**ALVAH F. HUGHES**  
**7322LS**  
**REGISTERED**  
**PROFESSIONAL LAND SURVEYOR**

**CERTIFICATE OF EXAMINING LAND SURVEYOR**

Approved this 5th day of April 1989, A.D.

*Bill D. Bagley*  
Examining Land Surveyor Registration No. \_\_\_\_\_

Approved *Jim R. Mow*  
Chairman, Lincoln County Commissioners

**CERTIFICATE OF CLERK AND RECORDER**

State of Montana, County of Lincoln, filed this 5th day of April 1989 A.D. at 2:35 o'clock P.M.

*James L. Hawley* by *Sherry L. Hawley*  
County Clerk Recorder Deputy

CERTIFICATE OF SURVEY NO. 1692

**LEGEND**



Found a BLM 2-1/2" diameter iron post monument with a 3-1/4" diameter brass cap.



Found a 5/8" diameter rebar with plastic cap, JHN, 4661-S. Remonumented with a 2-1/2" x 30" aluminum pipe with 3-1/4" diameter aluminum cap marked 7322-S.



Set a 3/4" x 30" aluminum rod with 3-1/4" diameter aluminum cap, marked 7322-S.



Found a 5/8" diameter rebar, 0.1 ft. below paved surface of road and associated accessories. Set by BLM, 1963.



Found a 5/8" diameter rebar with plastic cap, JHN 4661-S.



Found a 3/4" diameter iron pipe in a mound of stone. (Assumed to be an R. Burdick - 649-S monument)



Certificate of Survey No. 1062, October 13, 1982, by J.H. Ninneman, 4661-S.



Certificate of Survey No. 665, August 16, 1979, by J.H. Ninneman, 4661-S.



Certificate of Survey No. 1546, February 11, 1987, by T.C. Hill, 5612-S.

— National Forest Boundary - marked and posted to USFS Region One standards

— Section line

— Section subdivisional line

