

1291 #53

# CERTIFICATE OF SURVEY

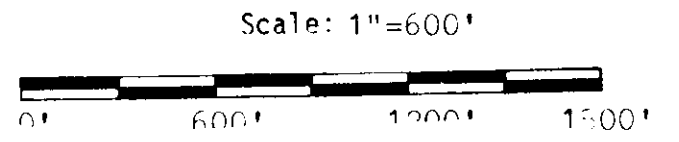
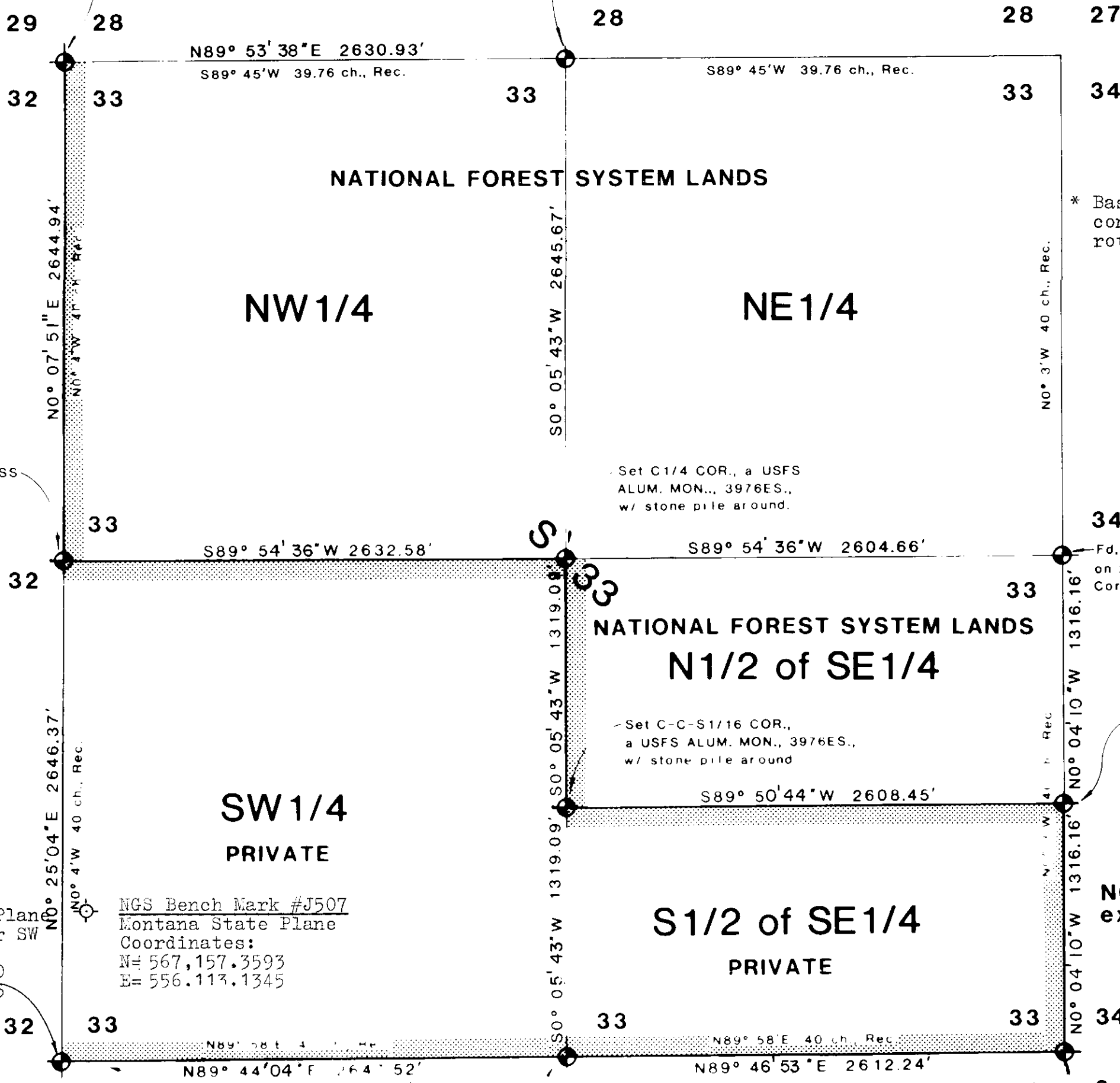
## SECTION 33, T31N, R30W, P.M.M., LINCOLN COUNTY, MONTANA.

N

NATIONAL FOREST SYSTEM LANDS

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 28, 29, 32, & 33.

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 28 & 33.



Indicates corner found or set as noted.

\* Based upon BAKK & TUB control stations with rotated angle utilized.

basis of bearings- the bearings are based upon the bearings as calculated for the NAD 83 Cor. coordinates for the Montana Plane Coordinate System. The West line of the SW 1/4 bears S 2° 14' 00" W.

Indicates lines surveyed, marked and posted this survey.

NATIONAL FOREST SYSTEM LANDS

REASON FOR SURVEY: To retrace and establish the physical boundary between land under federal ownership and land previously patented under Federal Statutes. No new parcels of land are hereby created by this survey and it is therefore exempt from review as a subdivision under section 76-3-104 and was surveyed under Sections 76-3-101 through 76-3-614, M.C.A.

BENCH MARK: NGS BM #J507, a alum. 3/4" rod set in a 6" round alum. mon. box, located approx. 75' E. of the centerline of State Highway #37 and 786' N. of the SW Sec. cor.

NOTE: All corner monuments have stones around except the SW corner which falls in a gravel drive.

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 32 & 33

Set C-1/4 COR., a USFS ALUM. MON., 3976ES., w/ stone pile around.

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 33 & 34. Fd.

Set C-C-S1/16 COR., a USFS ALUM. MON., 3976ES., w/ stone pile around.

Set S1/16 COR., a USFS ALUM. MON., 3976ES., w/ stone pile around.

Montana State Plane Coordinates for SW Sec. Cor. N= 566,371.5900 E= 555,943.0235

NGS Bench Mark #J507 Montana State Plane Coordinates: N= 567,157.3593 E= 556,113.1345

Fd. US CORPS OF ENGINEERS 3 1/2" BRASS CAP MON., in place. Cor. Sec. 32 & 33, T31N, R30W, & Sec. 4 & 5, T30N, R30W.

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 33, T31N, R30W & Sec. 4 T30N, R30W.

Fd. BLM 3 1/2" BRASS CAP on 2" iron pipe mon., in place. Cor. Sec. 33, 34., T31N, R30W, & Sec. 3 & 4, T30N, R30W.

NATIONAL FOREST SYSTEM LANDS

**SURVEY NOTES:** This is a retracement survey of the original G.S. survey for this section which was done by Paul J.A. Rickel in May through October, 1907. We found evidence of the lines being surveyed in their approximate locations in more recent years and also the corners were re-monumented by the State of Montana, Linderberg, Cadastral Surveyor and the section corner was re-monumented by the State of Montana in 1974. The survey was performed using conventional traverse methods with the bearings and distances determined by work performed to determine the Montana State Plane Coordinates for the Southwest corner of the section. The subdivisional lines were monumented at the corners with USFS driveable aluminum (C) monuments with 3/4" diam. aluminum caps. Corner recordation forms were filed at the Lincoln County Courthouse in Libby, MT.

This survey was made at my request for National Forest Management purposes.

*James J. Rothman* 1/25/88  
Forest Supervisor Dated

**GEODETIC CONTROL DATA:**

Control Stations used: BAKK and TUB  
Established: BAKK in 1981 & TUB in 1980.

Montana North Control Zone			
Latitude	Longitude		
BAKK 48°25'28.5260"	115°28'38.1399"	X(E)	Y(N)
550611.02	576123.66	-4°27'36.28"	Theta
TUB 48°25'41.6042"	115°27'34.9020"	X(E)	Y(N)
554428.35	577155.61	-4°26'55.05"	Theta

Established by: Bonneville Power Administration to Montana North Control Zone with VA Elev. 3059.1 feet (BAKK) & 3286.0 feet (TUB) and Grid Azimuth= Geodetic Azimuth - Theta.

PREPARED BY: Thomas Gulch

LOCATION: Section 33, T31N, R30W, P.M.M., Lincoln County, Montana.

DESCRIPTION OF LINES SURVEYED: The West & South lines of the NW 1/4; the South line of the SW 1/4; the South line, E-W 1/16 line, S. 1/4 mile of the East line, and N. 1/4 mi. of the W. line of the SE 1/4; all in Sec. 33, T31N, R30W, P.M.M., Lincoln County, Montana.

SURVEY DATES: September 21 thru October 21, 1987.

SECTION NO.: 43-0381-7-1037

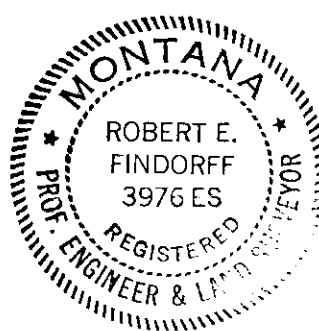
EQUIPMENT USED: Pentax Total Station 12-06.

**SURVEYOR CERTIFICATE**

I, Robert E. Findorff of Choteau, Montana, do hereby certify that this is a correct and true survey as hereon delineated, that said survey was done at the request of the BLM Forest Service, said survey being a section subdivision of the section & the SE 1/4 thereof, all in Sec. 33, T31N, R30W, P.M.M., Lincoln County, Montana, and that this survey was done in accordance with the provisions of Sections 76-3-101 through 76-3-104, M.C.A. said survey was completed on October 21, 1987.

*Nov. 11, 1987*  
Dated

*Robert E. Findorff*  
Robert E. Findorff  
Registration No. 3976-6  
Box 490  
Choteau, Montana 59422



**CERTIFICATE OF FILING BY CLERK & RECORDER**  
Filed for record *January 29, 1988* at *8:35 A.M.*

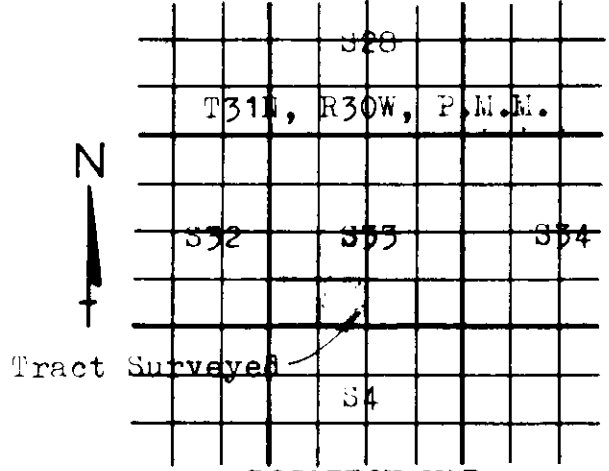
*Janet B.F. Siegel*  
Janet B.F. Siegel, Lincoln County Clerk & Recorder

By: *Jeanie Dennis* Deputy

Fee: \$5.50

*Bill Backoff*  
APPROVED BY

*John Williams*  
COUNTY COMMISSIONER



DRWN BY R.E.F.  
SCALE 1" = 600'  
DATE 11/11/87

ROBERT E. FINDORFF & ASSOCIATES  
CONSULTING ENGINEERS LAND SURVEYORS  
CHOTEAU MONTANA

#1627

JOB NO. 8719