NATIONAL WILDERNESS PRESERVATION SYSTEM

BOB MARSHALL ADDITION WILDERNESS

LEWIS AND CLARK NATIONAL FOREST

I hereby certify that the legal description and map herewith represent the location of the boundary of the Bob Marshall Addition Wilderness on the Lewis & Clark National Forest as covered into the National Wilderness Preservation System by the Act of October 10, 1978 P L 95-546.

Signed 11/13/79
(Date)

Regional Forester

AN ADDITION TO THE BOB MARSHALL WILDERNESS

The official boundary description and that boundary which is shown on a map titled "Boundary Map" of the addition to the Bob Marshall Wilderness is on file and available in the offices of the Forest Supervisor, Lewis and Clark National Forest, Great Falls, Montana, and the Regional Forester, Northern Region, Missoula, Montana.

BOUNDARY DESCRIPTION

The area included in the Addition to the Bob Marshall Wilderness is located in the Lewis and Clark National Forest in Pondera and Teton Counties, State of Montana. It consists of an area of 60,543.30 acres, more or less. All coordinates, bearings, and distances in the boundary description are referred to the Montana State Plane Coordinate System (North Zone) and all references to the United States Public Land Survey System refer to the Principal Meridian, Montana. All elevations refer to 1927 North American Datum. Elevations, State Plane Coordinate positions and courses were derived from the following U.S.G.S. maps with the indicated publication dates:

Cave Mountain	1958
Fish Lake	1968
Gateway Pass	1968
Morning Star Mountain	1968
Mount Wright	1958
Porphyry Reef	1958
Swift Reservoir	1968
Volcano Reef	1968
Walling Reef	1968

A detailed description of the boundary follows.

Beginning at the intersection of the southerly mean high water line of the North Fork of Birch Creek and the west section line of Section 27, T.28N., R.10W;

Thence southerly along the west side of Section 27 and 34 to the SW corner of Section 34, T. 28N., R.10W.;

Thence east along the township line to the SE corner of Section 36, T. 28N., R.10W.;

Thence south along the range line to the SW corner of Section 6, T.27N., R.9W.;

Thence east along the Section lines to the NW corner of Section 9 T.27N., R9W.;

Thence south along the west boundary of Sections 9, 16, 21 and 28, to the first ridge south of Dupuyer Creek;

Thence southeasterly to Old Man of the Hills Mountain (elevation 8,225 feet);

Thence southeasterly to Mount Frazier (elevation 8,315 feet);

Thence southeasterly to Mount Werner (elevation 8,090 feet);

Thence approximately S10° 50' W for 6,420 feet to a summit (elevation 7,960 feet approximately) on a ridge which is a divide between Muddy Creek and Jones Creek;

Thence westerly along the ridge dividing Muddy Creek and Jones Creek to a summit (elevation 8,134 feet);

Thence westerly along the ridge dividing the East Fork Teton River and Massey Creek to a summit (elevation 7,805 feet);

Thence	N86° 57' 2" W	for	332.47 ft.
	N89° 0' 39" W	"	485.07 "
	S84° 54' 46" W	"	338.33 "
	S72° 34' 41" W	"	100.62 "
	S74° 13' 10" W	"	551.80 "
	S72° 29' 4" W	"	338.70 "
	S55° 0' 47" W	"	345.42 "
	S50° 49' 35" W	"	487.59 "
	S57° 13' 53" W	"	322.29 "
	S79° 19' 54" W	"	216.75 "
	N87° 30' 16" W	"	152.14 "

To a summit (elevation 6,520 feet approximately);

Thence northwesterly along a spur ridge

N29° 1' 41" W	for	537.88 ft.
N34° 15' 33" W	"	589.76 "
N30° 41' 2" W	"	495.79 "
N23° 15' 42" W	"	506.42 "
N31° 22' 31" W	"	508.99 "
N52° 17' 19" W	"	299.58 "
N55° 31' 57" W	"	144.34 "
N88° 59' 17" W	"	92.01 "

to the confluence of the East Fork Teton River and the North Fork Teton River;

Thence northerly 615 feet up the thread of the North Fork Teton River to a confluence of an unnamed tributary from the west;

Thence northerly 1,053 feet up this tributary to a point:

Thence westerly up a ridge to a summit (elevation 7,591 feet);

Thence	N 43° 16' 19" W	for	322.41	feet
	N 69° 55' 42" W	"	304.49	"
	S 73° 59' 41" W	"	435.90	"
	S 86° 42' 37" W	"	585.97	"
	N 89° 22' 38" W	"	621.04	"
	N 69° 17' 0" W	"	731.28	"
	N 46° 28' 12" W	"	788.95	"
	N 41° 26" 37" W	"	426.06	"

to Mt. Wright (elevation 8,875 feet);

Thence	N 46° 48' 3" W	for	556.94	feet
	N 47° 54' 50" W	"	526.86	"
	N 48° 43' 6" W	"	393.89	"
	N 51° 4' 40" W	"	161.95	"
	N 88° 59' 8" W	"	60.01	"
	S 54° 52' 47" W	"	540.38	"
	S 68° 38' 52" W	"	753.74	"
	S 69° 24' 14" W	"	335.44	"
	N 69° 7 40" W	"	561.87	"
	N 50° 17' 26" W	"	668.15	"
	N 65° 17' 13" W	"	108.98	"
	N 86° 25' 25" W	"	264.52	"
	N 70° 29' 39" W	"	338.42	"
	N 39° 46' 40" W	"	478.27	"
	N 82° 41' 34" W	"	507.12	"

to a summit (elevation 7,654 feet);

Thence westerly along a ridge, approximately 2,640 feet, to the Continental Divide and the Bob Marshall Wilderness Boundary;

Thence northerly and westerly along the Continental Divide for approximately 17.6 miles to a summit, elevation 7,696 feet, with approximate coordinates of N = 432,877 and E = 1,141,740;

Thence leaving the Continental Divide and Bob Marshall Wilderness Boundary

N 7° 17' 45" W	for	291.36	feet
N 1° 2' 5" W	"	442.95	"
N 3° 9' 4" E	"	382.02	"
N 9° 31' 23" E	"	320.35	"
N 14° 40' 32" E	"	418.40	"
N 27° 33' 41" E	"	389.02	"
N 24° 23' 2" E	"	251.91	"

to the confluence of two forks of the North Fork of Birch Creek with approximate coordinates of N=435,286 and E=1,142,160;

Thence along the southerly mean high water line of the North Fork Birch Creek northerly and easterly for approximate 6 miles to the point of beginning.

The above described area has been plotted on a 1 inch per 1 mile scale map which is attached and made a part of this description.