UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

The Exterior Boundary of

Greenhorn Mountain Wilderness,

San Isabel National Forest,

Rocky Mountain Region, August 13, 1993

as Included in the National Wilderness Preservation System

by the Act of Public Law 103-77

NATIONAL WILDERNESS PRESERVATION SYSTEM

GREENHORN MOUNTAIN WILDERNESS

SAN ISABEL NATIONAL FOREST

STATE OF COLORADO

The boundary description and final map herewith, titled "Greenhorn Mountain Wilderness", dated May 10, 2007, delineate the location of the boundary of the Greenhorn Mountain Wilderness, on the San Isabel National Forest, as entered into the National Wilderness Preservation System under the Colorado Wilderness Act of 1993, Public Law 103-77, dated August 13, 1993. The boundary description and final map conform to the boundary as generally depicted on the Legislative Map cited by Congress in Public Law 103-77.

Signed: Carl W. Sumpter Date: 6/21/07
Carl W. Sumpter PLS, Colorado Reg. No.35577
Regional Land Surveyor
Rocky Mountain Region
USDA, Forest Service

Signed: Greg Smith Date: 6/22/2007
Rick D. Cables
Regional Forester
Rocky Mountain Region
USDA, Forest Service

GREENHORN MOUNTAIN WILDERNESS
San Isabel National Forest

Boundary Description

BEGINNING at North Peak, a summit with an elevation of 12,220 feet in the NE 1/4 of the SE 1/4 of Section 6, Township 25 South, Range 68 West, Sixth Principal Meridian;

thence northerly on the hydrographic divide between Greenhorn Creek and Turkey Creek, which is the boundary between Pueblo and Huerfano Counties, 0.3 miles more or less to the hydrographic divide between Greenhorn Creek and an unnamed stream flowing northeasterly to join Greenhorn Creek at an elevation of 8,920 feet;

thence northeasterly, leaving said boundary, on said hydrographic divide 1.8 miles more or less to the confluence of said streams;

thence easterly on the south high water line of Greenhorn Creek 0.9 miles more or less to a line 50 feet south of and parallel to the centerline of the Greenhorn Trail FDT 1316;

thence easterly on said trail offset line 1.2 miles more or less to the section line common to Sections 34 and 35, T24S, R68W, which is the boundary of San Isabel National Forest;

thence southerly on said section line 0.5 miles more or less to the corner common to said sections 34 and 35 and Sections 2 and 3, T25S, R68W;

thence easterly on the township line between T24S and T25S 0.2 miles more or less to a point on a ridge approximately at UTM coordinates: X 502490, Y 4195620;

thence southerly, leaving the boundary of the San Isabel National Forest, and ascending said ridge 1.1 mile more or less to a summit above contour elevation of 9,840 feet approximately at UTM coordinates: X 501650, Y 4194220;

thence southeasterly following a descending ridge 0.7 miles more or less to a point on the thread of Graneros Creek approximately at UTM coordinates: X 502550, Y 4193620;

thence southwesterly following an ascending ridge, 1.4 miles more or less to a summit with an elevation of 11,367 feet;

thence southeasterly following a descending ridge, 1.3 miles more or less to a summit above a contour elevation of 9,040 feet approximately at UTM coordinates: X 502580, Y 4191490;

thence southerly 0.4 miles more or less to a summit above a contour elevation of 8,600 feet approximately at UTM coordinates: X 502560, Y 4190890;

thence southwesterly 0.3 miles more or less to a summit above a contour interval of 9,200 feet approximately at UTM coordinates: X 502120, Y 4190600;

thence southeasterly on the hydrographic divide between North Apache Creek and South Apache Creek 0.3 miles more or less to a summit with an elevation of 9,215 feet;

thence southwesterly following a descending ridge, 0.4 miles more or less to a summit above a contour elevation of 8,520 feet approximately at UTM coordinates: X 501920, Y 4189750;

thence southerly 0.2 miles more or less to a summit above a contour elevation of 8,400 feet approximately at UTM coordinates: X 501810, Y 4189500;

thence southeasterly 0.2 miles more or less to a summit above a contour elevation of 8,440 feet approximately at UTM coordinates: X 502010, Y 4189240;

thence southwesterly following an ascending ridge, 0.5 miles more or less to a summit above a contour elevation of 8,920 feet approximately at UTM coordinates: X 501760, Y 4188540;

thence southeasterly 0.3 miles more or less to a summit above a contour elevation of 9,360 feet approximately at UTM coordinates: X 502040, Y 4188050;

thence southerly 0.2 miles more or less to a summit above a contour elevation of 9,320 feet approximately at UTM coordinates: X 502080, Y 4187740;

thence southwesterly 0.5 miles more or less to a summit above a contour elevation of 9,000 feet approximately at UTM coordinates: X 501760, Y 4187060;

thence southeasterly 0.6 miles more or less to a summit with an elevation of 8,835 feet;

thence southerly following a descending ridge 0.4 miles more or less to a point approximately at UTM coordinates: X 502540, Y 4185920 on the township line common to Townships 25 South and 26 South, which is the boundary of San Isabel National Forest;

thence westerly along said section line, and along said Forest boundary, 0.3 miles more or less to the section corner common to Sections 34 and 35, T25S, R68W, and Sections 2 and 3, T26S, R68W;

thence southerly on the section line common to Sections 2 and 3, along said Forest boundary, 0.3 miles more or less to a point, approximately at UTM coordinates: X 502120, Y 4185420, on the hydrographic divide between Mexican Springs Branch and an unnamed stream flowing southeasterly into Pole Canyon;

thence westerly, leaving the boundary of the San Isabel National Forest, on said hydrographic divide 1.0 mile more or less to a summit with an elevation of 10,285 feet;

thence southerly 0.9 miles more or less on the hydrographic divide between Red Canyon and unnamed streams flowing southeasterly into Pole Canyon to a summit above a contour elevation of 9,880 feet approximately at UTM coordinates: X 500080, Y 4184260;

thence southeasterly 0.3 miles more or less to a summit above a contour elevation of 9,400 feet approximately at UTM coordinates: X 500540, Y 4183970;

thence southerly following a descending ridge, 0.6 miles more or less to a summit with an elevation of 8,565 feet, approximately at UTM coordinates: X 500820, Y 4183070;

thence southwesterly 0.2 miles more or less to the section corner common to Sections 9, 10, 15 and 16, T26S, R68W, which is on the boundary of the San Isabel National Forest;

thence southerly on the section line common to Sections 15 and 16 0.4 miles more or less to a point on a ridge approximately at UTM coordinates: X 500500, Y 4182390;

thence westerly, leaving the boundary of the San Isabel National Forest, less than 0.1 mile to a summit with an elevation of 8,845 feet;

thence southerly following a descending ridge 0.4 miles more or less to a point approximately at UTM coordinates: X 500200, Y 4181850;

thence southwesterly following a descending ridge 0.3 miles more or less to the north high water line of the confluence, approximately at UTM coordinates: X 499770, Y 4181620, of an unnamed stream flowing southerly and an unnamed stream flowing easterly, joining to flow southeasterly toward Huerfano River;

thence westerly, following the north high water line of said easterly flowing stream, 0.5 miles more or less to a point approximately at UTM coordinates: X 499050, Y 4181860;

thence westerly 0.6 miles more or less to a point on the north high water line of the stream flowing in South Red Canyon approximately at UTM coordinates: X 498100, Y 4181960;

thence westerly on said north high water line 0.6 miles more or less to the line common to Sections 17 and 18, T26S, R68W, which is the boundary of the San Isabel National Forest;

thence northerly on said section line, and on said Forest boundary, 0.6 miles more or less to the corner common to Sections 7, 8, 17 and 18;

thence northerly on the section line common to Sections 7 and 8, and on said Forest boundary, 1.0 mile more or less to the section corner common to Sections 5, 6, 7 and 8;

thence westerly on the section line common to Sections 6 and 7, and on said Forest boundary, 0.9 miles more or less to a point approximately at UTM coordinates: X 495820, Y 4184640;

thence northerly, leaving the boundary of the San Isabel National Forest, 0.5 miles more or less in a to a summit with an elevation of 8,095 feet;

thence northerly 0.7 miles more or less to a summit above a contour elevation of 8,280 feet approximately at UTM coordinates: X 496040, Y 4186460;

thence northerly 0.8 miles more or less to a summit above a contour elevation of 8,480 feet approximately at UTM coordinates: X 495690, Y 4187630;

thence westerly 0.6 miles more or less to Santana Butte, a summit with an elevation of 8,433 feet;

thence northeasterly 0.9 miles more or less to a point with an elevation of 9,290 feet;

thence northwesterly along a line between said point and a summit above a contour elevation of 9,040 feet approximately at UTM coordinates: X 493875, Y 4190700, 1.2 miles more or less to the section line common to Sections 23 and 24, T25S, R69W, which is the boundary of the San Isabel National Forest;

thence northerly on the line common to Sections 23 and 24, and along said Forest boundary, 0.1 mile more or less to the section corner common to Sections 13, 14, 23 and 24;

thence westerly on the section line common to Sections 14 and 23, and along said Forest boundary, less than 0.1 mile to said line between a summit above a contour elevation of 9,040 feet, and a summit with an elevation of 9,780 feet;

thence northerly, leaving the boundary of the San Isabel National Forest, along said line between summits, 0.3 miles more or less to said summit with an elevation of 9,780 feet;

thence westerly following a descending ridge 0.7 miles more or less to a summit above a contour elevation of 9,000 feet approximately at UTM coordinates: X 492900, Y 4190860;

thence northwest 0.4 miles more or less to a summit above a contour elevation of 8,800 feet approximately at UTM coordinates: X 492360, Y 4191190;

thence northerly 0.6 miles more or less to a summit above a contour elevation of 9,400 feet approximately at UTM coordinates: X 492510, Y 4192170;

thence northwesterly 0.2 miles more or less to the section corner common to Sections 10, 11, 14 and 15, T25S, R69W, on the boundary of the San Isabel National Forest;

thence westerly on the line common to Sections 10 and 15, and on said Forest boundary, 0.2 miles more or less to the east high water line of Turkey Creek;

thence northeasterly, leaving the boundary of the San Isabel National Forest, on the east high water line of said stream 2.8 miles more or less to a line 50 feet south of and parallel to the centerline of the Cisneros Trail FDT 1315, approximately at UTM coordinates: X 493870, Y 4195220;

thence easterly on said trail offset line 0.3 miles more or less to the south high water line of Turkey Creek;

thence easterly on south high water line of said stream 0.5 miles more or less to a line 50 feet south of and parallel to the centerline of the Cisneros Trail FDT 1315;

thence easterly on said trail offset line 0.1 miles more or less to the south high water line of Turkey Creek;

thence easterly on south high water line of said stream 0.3 miles more or less to a point approximately at UTM coordinates: X 495480, Y 4194720;

thence southwesterly 0.1 miles more or less to a summit above a contour elevation of 11,080 feet approximately at UTM coordinates: X 495360, Y 4194630;

thence southerly 0.3 miles more or less to a summit above a contour elevation of 11,080 feet approximately at UTM coordinates: X 495280, Y 4194080;

thence southeasterly 0.4 miles more or less to a summit above a contour elevation of 11,040 feet approximately at UTM coordinates: X 495700, Y 4193620;

thence northeasterly 0.4 miles more or less to a point on a line 100 feet west of and parallel to the centerline of FDR 369 approximately at UTM coordinates: X 496265, Y 4193960;

thence southeasterly on said road offset line 0.1 mile more or less to a line 50 feet west of and parallel to the centerline of the Bartlett Trail FDT 1310 ;

thence southeasterly on said trail offset line 0.1 mile more or less to the westward extension of a line 50 feet north of and parallel to the centerline of the Greenhorn Trail FDT 1316;

thence northeasterly on said trail offset line 0.6 miles more or less to the hydrographic divide between Turkey Creek and Greenhorn Creek, which is also the boundary between Pueblo and Huerfano Counties;

thence northerly on said hydrographic divide and boundary 0.3 miles more or less to the POINT OF BEGINNING.

Containing the following acreages:

San Isabel National Forest	
Huerfano County	19056 acres
Las Animas County	4031 acres
Total Wilderness acres	23087 acres

Horizontal grid is Universal Transverse Mercator, Zone 13N, 1927 North American Datum. Elevations refer to National Geodetic Vertical Datum of 1929. The above described area has been plotted on, and elevations determined from the following U. S. Geological Survey 7-1/2 minute series topographic maps (with indicated publication dates):

Rye	1994
San Isabel	1994
Badito Cone	1994
Hayden Butte	1994

This description is valid only if accompanied by the Final Map.