

**INSTRUCTIONS**

**Q:CO-STD/152**

1. Original and/or subsequent record used to evaluate the corner position.
2. Description of evidence found, note discrepancies in the record, state method of establishing lost or obliterated corners.
3. Description of monument and accessories set to perpetuate the corner position.
4. Sketch of corner, show all pertinent data which can best be shown in a sketch example, corner marking, topography ties, position of accessories,
5. Certification must be signed and sealed by Land Surveyor registered in the State of Montana.
6. Fill in Cross Index & Section Diagram at bottom of sheet.

**CERTIFIED CORNER RECORDATION**

Corner Corner No.4 MS 5917 T. 7N. R. 8W. P.M.M. Powell County

1900 GLO Record: A point on the first course of Survey No. 3493. Set a porphyry stone 20 x 12 x 10 ins., 15 ins. deep marked "4-5917"; from which

- A Pine 6 ins. in diam., bears N02°E, 65.0 ft., mrkd "4-5917 BT".
- A Pine 10 ins. in diam., bears S38°40'W, 54.0 ft., mrkd "4-5917 BT".

Found (3-25-2010): No stone found. Jim Powell, the current land owner of MS 5917, has started to construct a retaining wall made of +/- 12" logs and has buried the corner. Mr. Powell did state that he had seen the monument, showed me approximately where it once was. With this said...we did find the northerly **original** bearing tree. The tree was a 13" Lodgepole Pine with a tall healed over scar on the southerly face. We cut into the scar and found **original** scribing "S 5917 BT". No sign of the other original bearing tree. Its position falls in a fill slope created when Mr. Powell's cabin was constructed.

Perpetuation (3-25-2010): After determining a corner position utilizing the found **original** Lodgepole BT and record information (N02°E, 65 ft.), I spoke again with Mr. Powell. He stated it didn't look right... +/- 5 ft. from where he recalls it being. I then looked at this position and its relationship to Corners No. 3 and No. 5 of MS 5917. This position disagrees with Corner No.3 by +/- 3.0 ft. and with Corner No. 5 by +/- 2.5 ft. Next I looked at a distance/distance intersection utilizing Corners No. 3 and No.5. This position disagreed with the record BT determined position by +/- 5.5 ft. and resulted in a bearing and distance to the found **original** Lodgepole of N02°W, 65.2 ft. (Record: N02°E, 65.0 ft.). After reviewing all this information, I determined that perhaps there was an error in the record information regarding the bearing from the northerly bearing tree. We found it to be N02°W opposed to the N02°E, reasons being: (1) The position fits +/- 0.6 ft. with Corner No.3. (2) The position fits +/- 0.2 ft. with Corner No.5. (3). The position fits with what Mr. Powell recalls.

From the found original bearing tree we set a 5/8" x 30" rebar topped with a 3-1/4" aluminum cap flush with the grounds surface; from which

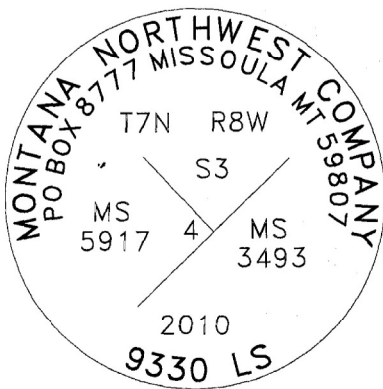
- The **original** 13" Dead Lodgepole Pine, bears N02°W, 65.0 ft., mrkd "MS 5917 BT".

We created the following reference monuments

- A 8" Douglas Fir, bears N36°E, 50.0 ft., blazed and scribed "S 3 BT".
- Northwest corner of Jim Powell's cabin, bears S03°W, 28.5 ft.
- A 1-1/4" yellow plastic cap (T. Moodry), bears N26°36'03"E, 28.67 ft.

**Note:** We set a 5 ft red angle iron post with USFS decals P54-1 and P71-10, North, 1.0 ft. of the monument. We attach USFS signs 54-3 & 54-9, set a 60D spike at our spot of measurement and paint a 6" red band +/- 6 ft. above the ground on all reference monuments.

NAD83(CORS96):  $\phi$  46°23'28.58"N  $\lambda$  112°34'43.89"W (SEE STATEMENT ON THE BACK OF THIS PAGE)



**SKETCH OF CORNER**

**CERTIFICATION**

I, Jeremy A. F. Garland certify the information shown herein is true and correct.

Signature Ground Party Chief

I, Ken E Jenkins certify that this Corner Record correctly represents work performed by me or under my direction in compliance with the "Corner Recordation Act" (70-22-101, et seq., M.C.A.)

Signature of Surveyor & Seal

Date: 03/2010 Reg. No. 9330 LS

Employer: Montana Northwest Company

P.O. Box 8777, Missoula, MT 59807

406-721-4033 Project No. 1617-09

USFS East Deer Lodge 2009/2010

Sec. 3

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● - Corner this sheet

Office of Clerk **165527 Fee: \$0.00 Bk Pg**

record" was file **POWELL COUNTY Filed 9/2/2010 At 3:05 PM**

was noted on th **Return To: Diane S. Grey, Clk & Rcdr By Jane B. Neckels**

book No. \_\_\_\_\_

County Official

Cross Index No. B/C-16/17 T. 7N R. 8W P.M.M

**Corner No.4 MS 5917**

**Note:** Coordinates were established by Real-Time Kinematic (RTK) GPS procedures utilizing Trimble R8 GNSS GPS receivers. Survey ties to controlling PLSS corners and local control points were measured from a base station constrained to the NAD83(CORS96) datum processed utilizing the National Geodetic Survey (NGS) Online Positioning User Service (OPUS) with observation data collected in September, 2009.

