VOLUME 648

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

REMONUMENTATION OF CERTAIN ORIGINAL CORNERS

TOWNSHIP 24 NORTH, RANGE 77 WEST,

OF THE

SIXTH PRINCIPAL MERIDIAN,

IN THE STATE OF WYOMING.

EXECUTED BY

MICHAEL E. WHITMORE CADASTRAL SURVEYOR

Under Special Instructions dated JUNE 11, 1990, approved JUNE 11, 1990, which provided for the surveys included under Group Number 540, and assignment instructions dated MAY 30, 2001.

Survey commenced MAY 31, 2001

Survey completed MAY 31, 2001

INDEX DIAGRAM

Township 24 North, Range 77 West

6	5	4	1 3 2	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 24 N., R. 77 W., Sixth Principal Meridian, Wyoming

CHAINS

The following field notes describe the remonumentation of certain original corners, Township 24 North, Range 77 West, Sixth Principal Meridian, Wyoming, as provided for in the Special Instructions for Group No. 540, Wyoming, dated June 11, 1990. "Providing for the investigation and evaluation of physical corner evidence, and the remonumentation of certain identified corners with new accessories when needed, in the State of Wyoming."

The subdivisional lines of the township were surveyed by William O. Owen in 1881.

William O. Owen reported in his notes and indicated on the plat of the township that numerous corners were monumented with petrified mastodon bone. In his autobiography there is an account concerning this township and the reason for the unusual monumention. A decision was made by BLM Wyoming State Office Cadastral Survey and paleontologists from the Wyoming State Office and the University of Wyoming Geology Museum to visit the area with the intent of recovering some of the unusual monumentation and to identify the federal interest in section 4, T. 24 N., R. 77 W., Sixth Principal Meridian, Wyoming.

The identified corners were recovered using a Garmin Model 12 XL handheld GPS unit and GCDB coordinates.

Remonumentation of Certain Corners of the Subdivisional Lines, T. 24 N., R. 77 W., Sixth Principal Meridian, Wyoming

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(Remonumentation of certain corners of the survey executed by William O. Owen in 1881)

The 1/4 cor. of secs. 3 and 4, monumented with a fossilized portion of vertebra bone, 11x8x6 ins., believed to be from of a sauropod, plainly mkd. 1/4 on a face, embedded on its side, projecting 2 ins. above the ground with the 1/4 face up. Record: notes called for a petrified bone of a mastodon, 14x10x7 ins.

At the corner point

Set a stainless steel post, 2½ ins. diam., 28 ins. long, set 24 ins. in the ground, with brass cap mkd.

T. 24 N., R. 77 W., Sixth Principal Meridian, Wyoming

CHAINS

T24N R77W
1/4
S 4|S 3
2001

Remove the original monument from the field for identification and display purposes.

The 1/4 sec. cor. of secs. 3 and 10, monumented with a fossilized portion of Ulna bone,12x8x8 ins., believed to be from a sauropod, firmly set, projecting 1 ins. above the ground, no mks. visible. Record: notes called for a petrified bone of a mastodon, 12x10x8 ins.

At the corner point

Set an iron post, 2½ ins. diam., 28 ins. long, set 24 ins. in the ground, with brass cap mkd.

T24N R77W
S 3
1/4 ——
S 10
2001

Placed the original cor. stone on the ground alongside the iron post.

GENERAL DESCRIPTION

The area where these corners were remonumented is located on the northern portion of the boundary between Albany and Carbon Counties, approximately 10 miles north east of Medicine Bow, Wyoming. The terrain is flat prairie that descends gradually to the Little Medicine Bow River and Sheep Creek west of the corners.

There are no ranches or houses in the immediate vicinity. No improvements have been made in the area including evidence of fences. There are very few stones evident for suitable monumentation which accounts for the unusual monuments William Owen used.

Access is provided by Marshall Road and private trail roads.

UNITED STATES
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FIELD ASSISTANTS

NAMES	CAPACITY
John P. Lee	Supervisory Cadastral Surveyor
James D."Sam" Drucker	Surveying Technician
Dale Hansen	Geologist (paleo), Wyoming State Office
Marty Griffith	Multi-Resource Manager
Brent Breithaupt	Volunteer, Director of the Geology Museum, University of Wyoming
Elizabeth Southwell	Volunteer, University of Wyoming

CERTIFICATE OF SURVEY

I, Michael E. Whitmore, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 11th day of June, 1990, I have remonumented certain original corners of the subdivisional lines, Township 24 North, Range 77 West, of the Sixth Principal Meridian, in the State of Wyoming, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

MAY 3 1 2002
(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the remonumentation of certain original corners of the subdivisional lines of Township 24 North, Range 77 West, Sixth Principal Meridian, Wyoming, executed by Michael E. Whitmore, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 3 1 2002
(Date)

(Signature of Authorized Officer)