

NARRATIVE TO ACCOMPANY PLAT

The purpose of this survey is to mark boundary lines between National Forest Land and privately owned land in and adjoining Sections 32 & 33, T 10 S, R 31 E, W.M. This survey was performed at the request of U.S.D.A, Forest Service, Malheur National Forest under Contract No. 53-04H1-7-4011, Sun Cadastral Survey.

HISTORY - The Standard Parallel was originally run by Bemford Robb in 1880 under Contract No 366, dated August 1880. This line was retraced in 1881 by Rufus Moore in 1881 under Contract No. 382. The original subdivision of T 10 S, R 31 E was performed by Moore and Thompson in 1881 under Contract No 382. The southwest and northeast corners of Section 29 were remonumented by Parsons Surveying as part of this contract. The northeast corner of Section 33 was remonumented by Richard Clark in 1980. The southwest corner of Section 31 was remonumented in CS 919.

SURVEY - Basis of bearings is a solar observation taken at the northwest corner of Section 30. A closed random traverse was run around the exterior of the Section 32 as required for subdivision and posting, tying to the existing corners shown. A closed loop random traverse was then run through the interior of the section, generally along the property boundary lines, for posting and internal monumentation purposes. Loops were also run to the northeast corner of Section 33, to the northeast corner of Section 29, and to the southwest corner of Section 31 for proportioning. All intermediate corners were searched without success.

In the retracement of the Standard Parallel, Moore noted the fallings of the section and quarter corners, but failed to note any of the three called line trees along the south line of Section 32. One of these line trees is found and positively identified. The proportion of corners along this line was accomplished in accordance with a letter from the BLM, a copy of which is attached. The corners along the Parallel were proportioned according to the Moore's retracement, then the line was adjusted in Northing to pass through the center of the Line Tree. Curvature was included in the proportion of this line.

Survey and subdivision of the section was conducted according to the original government notes and plat, and in accordance with the principles outlined in the Manual of Surveying Instructions, 1973.

Monuments for new corners were set radially from points on the previously established control traverses. True property boundary lines were determined by measuring offsets from the control traverse lines.

Fencelines run along the general alignment of many of the boundary lines of Sections 32 and 33. No other obvious trespass was noted.

Notes for this survey are contained in Field Book 7 Sun Cadastral Survey. Field notes and calculation sheets of this survey are on file in this office, and with the Survey Officer, Malheur National Forest.

GENERAL NOTES - Equipment used in this survey included a TOPCON GTS-2, Berger 30" transit, and a 100 foot steel chain. Traverses consist of closed loops which were adjusted by balancing angles and applying the Compass Rule method of adjustment. Bearings of lines shown on the plat were derived by plane survey techniques, and have not been adjusted to compensate for convergence of meridians. Aluminum monuments set in this survey consist of an aluminum cap with magnet, riveted to a 2-1/2" aluminum pipe 30" long with a flared base. Directions to bearing trees are based on the solar observation used to establish directions of lines in this survey. All bearing trees marked in this survey have a 3/4" brass washer marked "PLS 1918" attached to the BT blaze. Measurements to all bearing trees in this survey were made to the center of the tree, except where specifically noted that the measurement was made to the face. Bearing trees have blazes and bands painted red and appropriate Forest Service signs attached. In the Corner Notes, Ponderosa Pine is abbreviated P. Pine and Lodgepole Pine is abbreviated L. Pine. Unless otherwise noted, pine refers to Ponderosa or Yellow Pine. Record bearing tree information is denoted by (). All corners set during this survey have a 6 foot steel guard post driven approximately 3 to 5 feet away with appropriate Forest Service signs attached. Boundary lines are marked with steel fence posts with Property Boundary signs.

R-9
Found a 2-1/2" aluminum monument in a mound of stone.
A 18" P.Pine bears N48-1/2°W 21.5 ft, scribed T10SR31ES20BT.
A 16" P.Pine bears S62-3/4°W 34.8 ft, scribed T10SR31ES29BT.
A 15" P.Pine bears S48-3/4°E 63.0 ft, scribed T10SR31ES28BT.
An 18" P.Pine bears N47°E 10.3 ft, scribed T10SR31ES21BT.

T10S R31E
S20IS21

S29IS28
PLS1918
1988

T-9
Nothing found.

V-5
Found a 2-1/2" aluminum monument in a mound of stone.
An 8" Juniper bears S63°W 71.7 ft, scribed T10SR31ES31BT.
An 11" Fir bears S49-1/4°E 142.2 ft, scribed T10SR31ES32BT.
An 11" Juniper bears N17-3/4°E 98.0 ft, scribed T10SR31ES29BT.

T10S R31E
S30IS29

S31IS32
PLS1918
1988

V-6
Set a 2-1/2"x30" aluminum monument 2" in the ground in a mound of stone.
I establish new bearing trees:
A 13" P.Pine bears N33°54'W 52.8 ft, scribed W1/16S29BT.
A 13" P.Pine bears S80°02'E 50.0 ft, scribed W1/16S32BT.

T10S R31E
S29
W1/16---
S32
PLS1918
1989

V-7
Nothing found. Reestablished by single proportion. Set a 2-1/2"x30" aluminum monument 22" in the ground in a small mound of stone.
I establish new bearing trees:
A 9" Juniper bears N14°32'W 36.1 ft, scribed 1/4S29BT.
A 6" Juniper bears S31°32'E 30.1 ft, scribed 1/4S32BT.

T10S R31E
S29
1/4---
S32
PLS1918
1989

V-8
Set a 2-1/2"x30" aluminum monument 6" in the ground in a mound of stone.
I establish new bearing trees:
A 10" Juniper bears N47°20'W 113.4 ft, scribed E1/16S29BT.
A 9" P.Pine bears S1°44'E 189.4 ft, scribed E1/16S32BT.

T10S R31E
S29
E1/16---
S32
PLS1918
1989

V-9
Nothing found. Reestablished by double proportion. Set a 2-1/2"x30" aluminum monument 10" in the ground in a mound of stone.
I establish new bearing trees:
A 5" Juniper bears N35°14'W 104.0 ft, scribed T10SR31ES29BT.
An 11" Juniper bears S86°09'E 17.1 ft, scribed T10SR31ES33BT.

T10S R31E
S29IS28

S32IS33
PLS1918
1989

V-11
Nothing found. Reestablished by single proportion. Set a 2-1/2"x30" aluminum monument 12" in the ground in a mound of stone.
I establish new bearing trees:
A 22" Juniper bears S61°41'W 70.0 ft, scribed 1/4S33BT.
An 11" P.Pine bears N17°12'W 117.1 ft, scribed 1/4S28BT.

T10S R31E
S28
1/4---
S33
PLS1918
1989

V-13
Found a 3-1/4" aluminum monument in a mound of stone.
A 27" stump bears N39°E 9.2 ft (N40°E 14 lks), no visible marks.
A 30" Pine snag bears S70°38'W 27.4 ft (S74°W 38 lks), scribed R31ET10S and a chaining notch.
A 10" P.Pine bears N58°26'E 16.7 ft (N61°E 16.8 ft), scribed T10SR31ES27BT, with washer "PLS1682".
A 12" P.Pine bears S83°21'E 25.9 ft (S79-1/2°E 26.0 ft), scribed T10SR31ES34BT, with washer "PLS1918".

T10S R31E
S28IS27

S33IS34
1980
PLS1632

W-7
Set a 2-1/2"x30" aluminum monument 22" in the ground.
I establish new bearing trees:
An 8" P.Pine bears N2°50'E 15.5 ft, scribed CNI/16S32BT.
An 8" Fir bears S44°43'E 23.1 ft, scribed CNI/16S32BT.

T10S R31E
C
NI/16IS32
C
PLS1918
1989

W-8
Set a 2-1/2"x30" aluminum monument 20" in the ground in a mound of stone.
I establish new bearing trees:
A 6" Fir bears N66°57'W 10.1 ft, scribed NE1/16S32BT.
An 8" Fir bears S24°46'E 14.5 ft, scribed NE1/16S32BT.

T10S R31E
NE1/16
+
S32
PLS1918
1989

X-5
Nothing found. Reestablished by single proportion. Corner position falls in a small stream. Set Witness Corner S0°04'42"E 15.59 ft from true corner position. Set a 2-1/2"x30" aluminum monument 20" in the ground in a mound of stone for WC.
I establish new bearing trees:
A 5" double Yew bears S42°W 29.4 ft, scribed XBT.
A 13" Fir bears N50°07'E 11.2 ft, scribed XBT.

T10S R31E
WC 1/4

S31IS32
PLS1918
1989

X-7
Set a 2-1/2"x30" aluminum monument 20" in the ground in a mound of stone.
I establish new bearing trees:
A 10" P.Pine bears S56°W 13.9 ft, scribed C1/4S32BT.
A 10" P.Pine bears N21°41'W 12.6 ft, scribed C1/4S32BT.

T10S R31E
C1/4
+
S32
PLS1918
1989

X-9
Nothing found. Reestablished by single proportion. Set a 2-1/2"x30" aluminum monument 20" in the ground in a mound of stone.
I establish new bearing trees:
An 8" Juniper bears N19°24'W 39.7 ft, scribed 1/4S32BT.
An 8" Juniper bears S53°31'E 32.6 ft, scribed 1/4S33BT.

T10S R31E
1/4
S32IS33
PLS1918
1989

Z-1
Found a 3-1/4" aluminum monument in a mound of stone.
A 26" Juniper bears N56°39'W 105.7 ft (N53°W 157 lks), fragmentary scribing.
An 18" Juniper bears N53°23'W 152.6 ft (N53°23'W 153.0 ft), scribed T10SR30ES36BT, with washer "PLS848".
An 18" Juniper bears N15°15'E 110.3 ft (N15°09'E 110.5 ft), scribed T10SR31ES31BT, with washer "PLS848".

T10S
R30E R31E
S36IS31

SC
T11S
1983
PLS848

Z-3
Nothing found.

Z-5
Nothing found. Reestablished by single proportion. Set a 2-1/2"x30" aluminum monument 22" in the ground.
I establish new bearing trees:
A 9" Fir bears N74°34'E 25.1 ft, scribed SCT10SR31ES32BT.
A 16" Fir bears N14°50'W 9.6 ft, scribed SCT10SR31ES31BT.

T10S R31E
SC
S31IS32

PLS1918
1989

Z-5.5
Found a 34" Larch line tree, 2 hacks East side, 1 hack West side.
Set a 1-1/2" aluminum cap on rebar N67°30'E 10.41 ft from the center of the tree, marked RP APS32 10.41FT PLS1918.

Z-7
Nothing found. Reestablished by single proportion. Set a 2-1/2"x30" aluminum monument 22" in the ground in a mound of stone.
I establish new bearing trees:
A 5" Fir bears N83°34'E 21.5 ft, scribed SC1/4S32BT.
A 10" L.Pine bears N17°52'E 26.1 ft, scribed SC1/4S32BT.

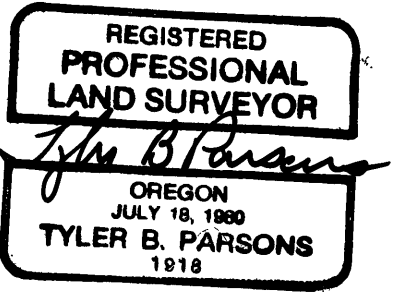
T10S R31E
SC 1/4 S32

PLS1918
1989

Z-9
Found 16x12x10" stone, 4 notches on one side, the other side broken, in a mound of stone. Set a 2-1/2"x30" aluminum monument 16" above ground in a mound of stone and placed the original stone in mound on the East side.
A 26" Pine snag bears N37°53'W 104.1 ft to face (N55°W 158 lks), scribed S32T10R31BT, with chaining notch.
I establish new bearing trees:
A 14" P.Pine bears N63°15'E 28.3 ft, scribed SCT10SR31ES33BT.
A 13" P.Pine bears N71°36'W 75.2 ft, scribed SCT10SR31ES32BT.

SC
T10S R31E
S32IS32

PLS1918
1988



RECORD OF SURVEY
for the
U.S. FOREST SERVICE

Malheur National Forest
Sec 32 & 33, T10S, R31E, W.M.
Grant County, OR
Sun Cadastral Survey
Cont. No. 53-04H1-7-4011
April 12, 1989

PARSONS SURVEYING
1915 S.E. Stone Street
Corvallis, OR 97333
(503) 752-7515
Job No. 8722JB

RECEIVED AND
FILED
JUN 26 1989

OFFICE OF COUNTY SURVEYOR
JUN 26 1989