

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 25 and 36, T 17 S, R 28 E, and Sections 19 and 38, T 17S, R 29 E, W.M. This survey was performed at the request of U.S.D.A, Forest Service, Malheur National Forest under Contract No. 53-84H1-7-4011, Smokey/Sun Cadastral Survey.

HISTORY - The survey of the township exteriors and subdivision of T 17 S, R 29 E, was accomplished by Bamford Robb in 1888 under Contract No. 366, dated August 18, 1888. Subdivision of T 17 S, R 28 E, was accomplished by Henry M. Cooke in 1882 under Contract No. 427, dated December 15, 1881. In 1981, Charles F. Palmer resurveyed a portion of the line between R 28 E and R 29 E (CS 788). In 1986, Chris Palmer resurveyed the a portion of the south line of Section 36 (CS 968). In 1987, Douglas M. Ferguson resurveyed a portion of the east line of Section 19 (CS 1004).

SURVEY - Basis of bearings is a solar observation taken at the northeast corner of Section 25. Closed loop random traverses were run around the exteriors of the sections as required for subdivision and posting, tying to the existing monuments shown. Closed loop random traverses were also run through the interiors of the sections, generally along the property boundary lines, for posting and internal monumentation purposes.

No evidence of the southeast corner of Section 25 or the north quarter corner of Section 19 was found after extensive search. Both corners were reestablished by single proportion.

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.

Old fencelines run along the general alignment of several of the boundary lines posted in this survey. No other obvious trespass was noted.

Notes for this survey are contained in Field Books 3 and 4, Smokey/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, 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" aluminum pipe 28" 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.

CORNER NOTES

A Found a 3" aluminum monument in a mound of stone (CS 788). No references.	T17S R28E R29E S131S18 ----- S241S19 PLS1287 1981
B Found no evidence of the original corner. I reestablish this corner by single proportion. Set a 2" x 28" aluminum monument 28" in the ground in a mound of stone. I establish new bearing trees: A 9" P.Pine bears S87°0'E, 125.3 ft, scribed 1/4S19BT. An 11" double Juniper bears N46°0'E, 239.8 ft, scribed 1/4S18BT.	T17S R29E S18 1/4----- S19 PLS1918 1988
C Found a 3" aluminum monument in a mound of stone. A 12" P.Pine bears N12-3/4°W, 16.8 ft (N8°W, 16.8 ft), scribed T17SR29ES18BT, with washer "RLS 848". An 11" Fir bears N78°E, 35.7 ft (N81°E, 35.8 ft), scribed T17SR29ES17BT, with washer "RLS 848". A 14" P.Pine bears S63-3/4°E (S79°E, 39.5 ft), scribed T17SR29ES20BT, with washer "RLS 848". A 17" P.Pine bears S61°0'W, 56.8 ft (S65°W, 57.1 ft), scribed T17SR29ES19BT, with washer "RLS 848".	T17S R29E S181S17 ----- S191S20 1987 RLS 848
D Set a 2" x 28" aluminum monument 28" in the ground. I establish new bearing trees: An 8" Juniper bears S24°W, 28.7 ft, scribed NE1/16S19BT. A 9" Juniper bears S55°0'E, 43.9 ft, scribed NE1/16S19BT.	T17S R29E NE1/16 + S19 PLS1918 1988
E Found a 3" aluminum monument. A 14" P.Pine bears S76°0'W, 9.9 ft (S79°W, 9.9 ft), scribed N1/16S19BT, with washer "RLS 848". A 13" P.Pine bears N88-3/4°E, 27.2 ft (N83°E, 27.2 ft), scribed N1/16S20BT, with washer "RLS 848".	T17S R29E N1/16 S191S20 1987 RLS 848

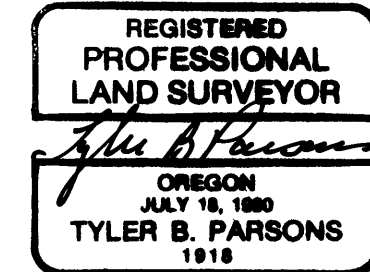
F Found a 3" aluminum monument in a mound of stone. A 15" Juniper bears S61°E, 85.1 ft (S58°E, 84.5 ft), scribed 1/4S19, with washer "PLS 1287".	T17S R28E R29E 1/4 S241S19 PLS1287 1981
G Set a 3" x 28" aluminum monument 21" in the ground in a mound of stone. I establish new bearing trees: A 14" P.Pine bears S85°0'E, 17.3 ft, scribed C1/4S19BT. A 12" Fir bears N23°0'W, 16.9 ft, scribed C1/4S19BT.	T17S R29E C1/4 + S19 PLS1918 1988
H Set a 2" x 28" aluminum monument 21" in the ground. I establish new bearing trees: An 11" P.Pine bears N10°E, 11.4 ft, scribed CE1/16S19BT. A 6" Fir bears S22°0'W, 6.2 ft, scribed CE1/16S19BT.	T17S R29E E1/16 C-----C S19 PLS1918 1988
I Found a 3" aluminum monument, with a stone on the north side. The stump of a 12" Pine bears N22-3/4°W, 14.7 ft (N12°W 28 lks), scribed 1/4 with chaining notch. A 12" P.Pine bears N62°E, 26.2 ft (N65°E, 26.1 ft), scribed 1/4S20BT, with washer "RLS 848". A 13" P.Pine bears S24°W, 22.8 ft (S29°E, 22.8 ft), scribed 1/4S19BT, with washer "RLS 848".	T17S R29E 1/4 S191S20 1987 RLS 848
J Found a 28x12x4" (28x12x10") stone, 1 notch East, 2 notches South, lying top to the North, with a mound of stone on the North side. Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone and buried the original stone on the north side. I establish new bearing trees: An 8" Fir bears N65°0'W, 12.7 ft, scribed T17SR28ES23BT. A 12" Fir bears N37-3/4°E, 19.8 ft, scribed T17SR28ES24BT. A 18" Fir bears S51°E, 28.8 ft, scribed T17SR28ES25BT. A 9" Fir bears S33-3/4°W, 31.8 ft, scribed T17SR28ES26BT.	T17S R28E S231S24 ----- S241S25 PLS1918 1988
K Found a 24x18x10" stone, no visible marks, with a mound of stone on the north side. A 33" P.Pine bears S58°0'W, 38.9 ft (S72°W, 57 lks), scribed 1/4 in an open face and a BT scar. Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone and buried the original stone on the south side. I establish new bearing trees: A 7" Juniper bears S9°0'W, 17.2 ft, scribed 1/4S25BT. An 8" Juniper bears N7°0'E, 18.8 ft, scribed 1/4S24BT.	T17S R28E S24 1/4----- S25 PLS1918 1988
L Found a 3" aluminum monument (CS 788). A 14" double P.Pine bears S69°0'W, 142.4 ft (142.2 ft), scribed T17SR28ES25BT, with washer marked "PLS 1287". No other bearing trees.	T17S R28E R29E S241S19 ----- S251S30 PLS1287 1981
M Set a 3" x 28" aluminum monument 28" in the ground in a mound of stone. I establish new bearing trees: A 4" P.Pine bears S56°0'E, 15.4 ft, scribed XBT. An 8" P.Pine bears N6-3/4°E, 28.8 ft, scribed W1/16S19BT.	T17S R29E S19 W1/16----- S30 PLS1918 1988
N Found a 19x18x2" (16x14x4") stone in a mound of stone, possible "+" or 4 visible on the upper face. The stump of an 18" windfall P.Pine bears N61-3/4°W, 27.6 ft (N62°W, 42 lks), S (backwards S) visible on down side. Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone and buried the original stone on the west side. I establish new bearing trees: A 5" P.Pine bears N46-3/4°E, 5.1 ft, scribed 1/4S19BT. A 7" P.Pine bears S56°0'E, 12.1 ft, scribed 1/4S30BT.	T17S R29E S19 1/4----- S30 PLS1918 1988
O Found a 13x11x5" (14x14x5") stone, firmly set, marked 1/4 on the East face. The roothole of a windblown P.Pine scribed 1/4S on the down face bears S71°0'E, 33.4 ft (S68°E, 47 lks). Set a 3" x 28" aluminum monument 21" in the ground in a mound of stone buried the original stone on the North side. I establish new bearing trees: A 9" P.Pine bears S51°0'W, 28.4 ft, scribed 1/4S26BT. A 7" Juniper bears N58°E, 48.8 ft, scribed 1/4S25BT.	T17S R28E 1/4 S241S25 PLS1918 1988
P Found a 3" aluminum monument in a mound of stone (CS 788). The roots of a 25" windfall P.Pine scribed 1/4S bears S21-3/4°E, 22.5 ft (S5°W, 26 lks), may not be in original position. An 11" P.Pine bears N59°0'W, 21.7 ft (21.5 ft), scribed 1/4S25BT, with washer marked "PLS 1287". A 18" P.Pine bears N45°0'E, 21.5 ft (N46°E, 21.8 ft), scribed 1/4S30BT, with washer marked "PLS 1287".	R28E R29E T17S 1/4 S251S30 PLS1287 1981
Q Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone. I establish new bearing trees: A 7" Juniper bears N33°E, 58.9 ft, scribed CW1/16S30BT. A 14" Juniper bears S64°W, 63.1 ft, scribed CW1/16S30BT.	T17S R29E W1/16 C-----C S30 PLS1918 1988

R Set a 3" x 28" aluminum monument 28" in the ground in a mound of stone. I establish new bearing trees: An 8" P.Pine bears S87°0'W, 24.4 ft, scribed C1/4S30BT. An 8" P.Pine bears N48°0'E, 21.8 ft, scribed C1/4S30BT.	T17S R29E C1/4 + S30 PLS1918 1988
S Set a 3" x 28" aluminum monument 23" in the ground. I establish new bearing trees: A 7" P.Pine bears S69°0'E, 6.1 ft, scribed CE1/16S30BT. A 13" P.Pine bears S43°0'W, 19.3 ft, scribed CE1/16S30BT.	T17S R29E E1/16 C-----C S30 PLS1918 1988
T Found no evidence of the original monument. At record distance and direction from the original bearing tree, I set a 2" x 28" aluminum monument 22" in the ground in a small mound of stone. A 32" P.Pine bears S48°E, 28.5 ft (S48°E, 31 lks) to face, 4S (backwards S) in an opened face. I establish new bearing trees: An 11" P.Pine bears S44°0'E, 14.2 ft, scribed 1/4S29BT. A 18" P.Pine bears S58-3/4°W, 23.6 ft, scribed 1/4S30BT.	T17S R29E 1/4 S301S29 PLS1918 1988
U The position to the original corner has been disturbed by development of a spring to the East. At record distances from the scribed faces of the two original bearing trees, I set a 3" x 28" aluminum monument 24" in the ground. A 36" P.Pine windfall stump bears N89°E, 42.9 ft to face (N88°E, 45 lks), fragmentary scribing visible on an open face. A 33" P.Pine bears S8°W, 24.4 ft to face (S1°W, 37 lks), opened face destroyed by an ax, and BT scar. I establish new bearing trees: A 14" P.Pine bears N22-3/4°E, 33.5 ft, scribed T17SR28ES25BT. A 12" P.Pine bears S42-3/4°E, 22.1 ft, scribed T17SR28ES36BT. A 12" P.Pine bears S88°W, 19.9 ft, scribed T17SR28ES35BT. A 18" P.Pine bears N55°W, 58.9 ft, scribed T17SR28ES26BT.	T17S R28E S241S25 ----- S351S36 PLS1918 1988
V Found a 31x13x9" (24x14x8") stone, 1/4 on the North face, in a mound of stone. The roothole of a windfall P.Pine scribed 1/4SBT, bears N77°0'W, 54.6 ft (N68°W, 88 lks). Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone and buried the original stone on the East side. I establish new bearing trees: A 6" P.Pine bears N36°0'W, 13.9 ft, scribed 1/4S25BT. A 18" P.Pine bears S9°0'E, 28.5 ft, scribed 1/4S36BT.	T17S R28E S25 1/4----- S36 PLS1918 1988
W Found no evidence of the original corner monument. I reestablish this corner by single proportion. Set a 2" x 28" aluminum monument 24" in the ground. I establish new bearing trees: A 14" aluminum cap on rebar bears N68°23'E, 14.9 ft, marked RP S30 14.9FT PLS1918. A 17" P.Pine bears N 51°0'W, 236.8 ft, scribed T17SR28ES25BT. No other suitable trees in range.	T17S R28E R29E S251S30 ----- S361S31 PLS1918 1988
X Found an 18x18x6" (18x18x6") stone with 3 parallel chisel marks approximately 1 inch apart, in a mound of stone. A 25" P.Pine bears N83°0'E, 28.8 ft (N80°E, 29 lks), opened blaze (defaced) with S visible, and BT scar. Set a 2" x 28" aluminum monument 24" in the ground in a mound of stone and buried the original stone on the west side. I establish new bearing trees: A 6" P.Pine bears N55°0'W, 19.4 ft, scribed 1/4S30BT. A 9" P.Pine bears S28°E, 18.3 ft, scribed 1/4S31BT.	T17S R29E S30 1/4----- S31 PLS1918 1988
Y Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone. I establish new bearing trees: A 7" Juniper bears S49°0'E, 74.3 ft, scribed E1/16S31BT. A 7" Juniper bears N6-3/4°E, 71.2 ft, scribed E1/16S30BT.	T17S R29E S30 E1/16----- S31 PLS1918 1988
Z Found a 14x16x4" (12x16x28") sandstone stone, broken and deteriorating, lying flat in a mound of stone, with a "+" on the upper face. A 32" P.Pine cut stump bears N18°W, 24.8 ft (N4°W, 37 lks), no marks visible. Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone, and buried the original stone on the North side. I establish new bearing trees: An 8" P.Pine bears S43°0'W, 8.5 ft, scribed T17SR29ES31BT. A 18" P.Pine bears S64°0'E, 7.4 ft, scribed T17SR29ES32BT. An 8" P.Pine bears N24°0'E, 38.8 ft, scribed T17SR29ES29BT. A 7" P.Pine bears N45°0'W, 14.8 ft, scribed T17SR29ES30BT.	T17S R29E S301S29 ----- S311S32 PLS1918 1988
AA Found an 18x14x6" (18x14x6") stone, possible 1/4 on the East side, firmly set in a mound of stone. A 33" P. Pine cut stump bears S23°0'W, 58.2' (S35°W, 75 lks), scribed 1/4S. Set a 2" x 28" aluminum monument 22" in the ground in a mound of stone, and buried the original stone on the North side. I establish new bearing trees: An 11" P.Pine bears S75°0'E, 38.9 ft, scribed 1/4S31BT. An 8" P.Pine bears N73°0'W, 28.1 ft, scribed 1/4S30BT.	T17S R28E R29E 1/4 S361S31 PLS1918 1988

AB Found a 3" aluminum monument in a mound of stone (CS 968). PLS number on monument varies from that on the bearing trees. A 7" Juniper bears S61°E, 31.9 ft (S61°03'E, 29.9 ft), scribed S1T18SR28EBT, with washer "PLS 1287". A 5" P.Pine bears N48°0'E, 6.8 ft (N49°56'E, 6.8 ft), scribed X, with washer "PLS 1287". A 9" P.Pine bears N16°0'W, 12.8 ft (N16°55'W, 12.6 ft), pitched over face, with washer "PLS 1287". An 8" P.Pine bears S54°W, 4.4 ft (S55°34'W, 4.7 ft), pitched over face, with washer "PLS 1287".	R28E S351S34 T17S ----- S21S1 T18S PLS1287 1986
AC Found a 3" aluminum monument in a mound of stone. PLS number on monument varies from that on the bearing trees. A 6" P.Pine bears S35°E, 7.2 ft (S31°E, 7.1 ft), scribed 1/4S1BT, with washer "PLS 1287". A 12" P.Pine bears N16-3/4°E, 4.8 ft (N19°E, 3.9 ft), scribed 1/4S36BT, with washer "PLS 1287".	R28E S36 T17S ----- S1 T18S PLS1288 1986
AD At the assumed location of the called line tree (24" Pine), I found a 24" Pine, down and dead, one hack remaining on the upper side. At the position of the roothole, set a 2" x 28" aluminum monument 24" in the ground in a mound of stone. I establish new bearing trees: An 8" Juniper bears N28°W, 18.3 ft, scribed APS36BT. A 9" Juniper bears S13-3/4°W, 29.8 ft, scribed APS1BT.	T17S R28E S34 AP----- S1 T18S PLS1288 1988
AE Found a 19x13x6" (16x12x8") stone, 6 notches East, South and West, lying top to North in a mound of stone. A 28" P.Pine bears N78°0'W, 28.2 ft (N88°W, 58 lks), healed scar. A 35" P.Pine snag bears N47°E, 77.2 ft (N48°E, 112 lks), defaced blaze. Set a 3" x 28" aluminum monument 22" in the ground in a mound of stone and buried the original stone on the North side. I establish new bearing trees: A 16" P.Pine bears S46°0'W, 18.5 ft, scribed T18SR28ES18BT. A 16" P.Pine bears N44°0'W, 13.2 ft, scribed T17SR28ES36BT. A 7" Juniper bears S22°0'E, 44.9 ft, scribed T18SR29ES48BT. A 16" P.Pine bears N49°0'E, 62.1 ft, scribed T17SR29ES31BT.	T17S R28E R29E S361S31 ----- S11S6 T18S PLS1918 1988

SURVEYOR'S CERTIFICATE

I, Tyler B. Parsons, a Registered Land Surveyor in the State of Oregon, do hereby certify that this plat and the notes hereon are a correct representation of a survey I performed at the request of the U.S.D.A., Forest Service during the period May 22 to July 7, 1988, in accordance with the statutes of the State of Oregon; and the articles of my contract.



RECORD OF SURVEY for the U.S. FOREST SERVICE

MALHEUR NATIONAL FOREST
Sec 25 & 36, T17S, R28E, W.M.
Sec 19 & 30, T17S, R29E, W.M.

Grant County, Oregon

July 18, 1988

PARSONS SURVEYING
1915 SE Stone St.
Corvallis, OR 97333
(503) 752-7515

Job No. 8722G

RECEIVED AND
FILED

NOV 4 1988

OFFICE OF COUNTY SURVEYOR
Malheur National Forest