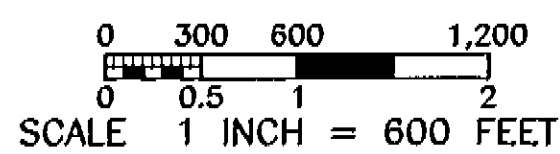


PRONG CADASTRAL SURVEY

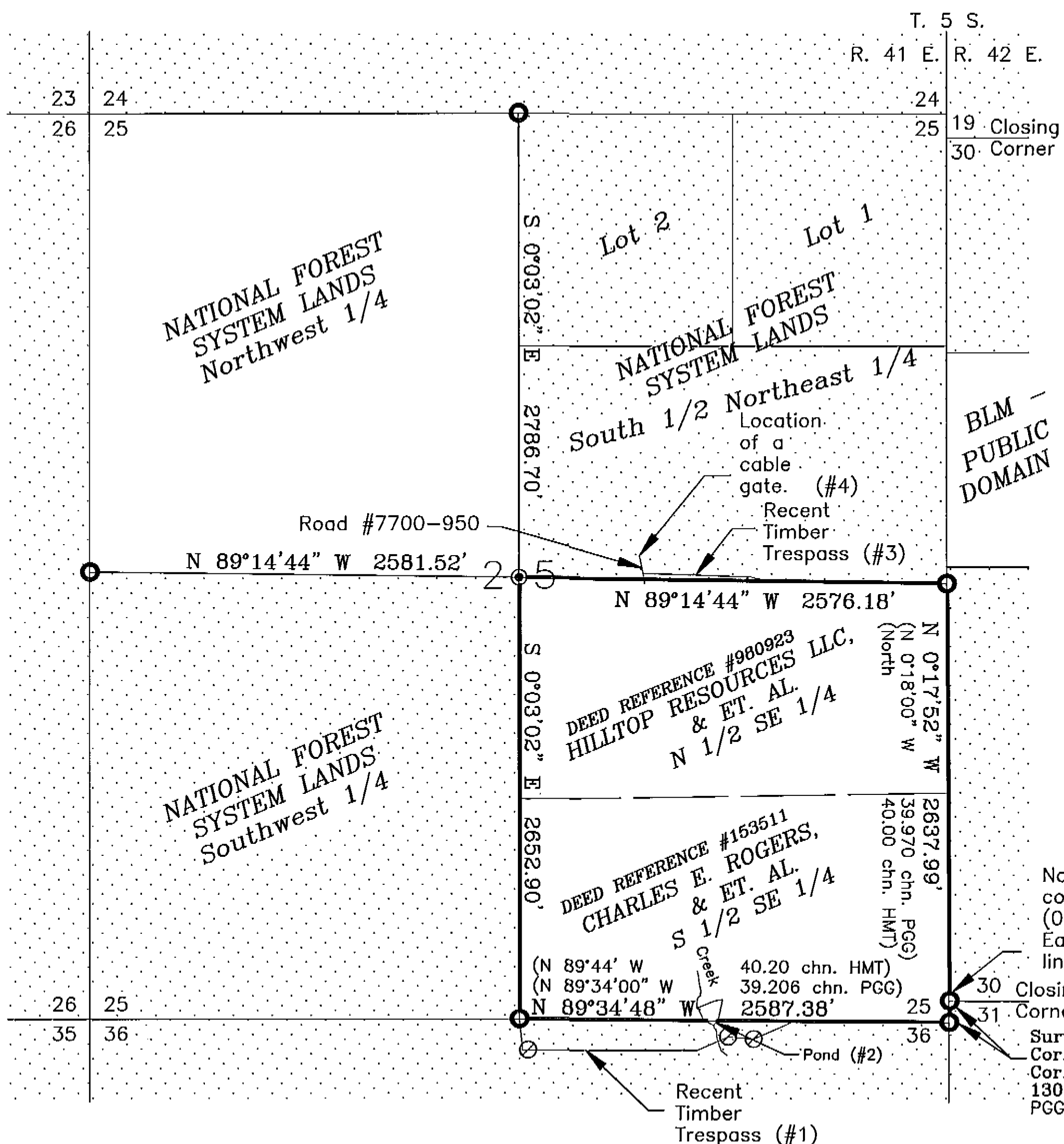
ORIGINAL SECTION SUBDIVISION OF SECTION 25, TOWNSHIP 5 SOUTH, RANGE 41 EAST, W.M. UNION COUNTY, OREGON WALLOWA-WHITMAN NATIONAL FOREST

Bearings are based on GPS measurements tied to Chinic, 1989 and Cath, 1989, control stations of the Umatilla/Wallowa-Whitman National Forest GPS Survey, in the NAD83 Datum, as established by David Evans and Associates, Inc. of Portland, Oregon.

Declination as stated on the Medical Springs Quad Sheet (1984) is 18 1/2° East.



NOTE: ALL MEASURED DISTANCES ARE SHOWN IN FEET.



Note: The closing corner falls, 3.39' (0.053 chains, PGG) East of the East line of Sec. 25.
Survey tie from Sec. Cor. to the Closing Cor., N. 1°12'03" E., 130.37 ft., (1.98 chn., PGG, 1.96 chn. JCC)

SURVEY HISTORY:

1879 - Henry M. Thatcher (HMT), U.S. Deputy Surveyor, GLO, established the East boundary of & subdivided this township.

1899 - James P. Currin (JPC), U.S. Deputy Surveyor, GLO, retraced the West boundary of T. 5 S., R. 42 E. and subdivided that township, setting closing corners on the East boundary of this section.

1969 - James G. Voelz, L.S. No. 381, County Surveyor, remonumented the sec. cor. of sec. 25 & 36 only, from original evidence, remonumentation recorded #726-84R, Union County Survey Records.

1991 - Philip G. Griffin (PGG), Cadastral Surveyor, BLM, conducted a dependent resurvey in this township, remonumenting many corners from original evidence, including:
1/4 sec. cor. of sec. 24 & 25,
1/4 sec. cor. of sec. 25 only, and
closing corner of sec. 30 & 31, T.5S., R.42E.
Also, he reestablished by proportionate measure the following corners:
1/4 sec. cor. of sec. 25 & 26, and
1/4 sec. cor. of sec. 25 & 36.

Undated - Union County Surveyor's records indicate, by the way it is indexed, that the S 1/16 sec. cor. of sec. 25 & 30, T. 5 S., R. 41 & 42 E., was established by the BLM in 1992. This is erroneous, it was for T. 5 S., R. 40 & 41 E., and so does not effect this survey.

Note: GLO & BLM records are filed at the Oregon State Office, BLM, 1515 SW 5th Ave., Portland, Oregon.

I found no other surveys related to this project.

CORNER MONUMENTATION NOTES

During this survey I established the Center 1/4 sec. cor. of sec. 25, this is the original establishment of this position.
At the position determined by section subdivision, I set an aluminum post, 30 ins. long, 3 ins. in diam., 24 ins. in the ground, with an aluminum cap marked:

T5S R41E
C 1/4 S 25
LS 2211
1997

From which:

A Western Larch, 10 ins. diam., bears N. 28° E., 23.0 feet dist., marked C 1/4 S25 BT, in a double blaze, with a brass washer marked LS 2211 nailed below the "T".
A White Fir, 18 ins. in diam., bears N. 84° W., 29.7 feet dist., marked C 1/4 S25 BT, in a double blaze, with a brass washer marked LS 2211 nailed below the "T".
Set a 1/2 ins. diam. by 24 ins. long, rebar 22 ins. in the ground, bears S. 31° E., 56.5 feet dist., with a brass washer marked LS 2211, RM1, wired to the rebar.
Set a 1/2 ins. diam. by 24 ins. long, rebar 22 ins. in the ground, bears S. 4°30' W., 393.8 feet dist., with a brass washer marked LS 2211, RM2, wired to the rebar.

CONTROLLING MONUMENTS USED: I accepted and used for control the following monuments:

Set by Voelz, found 2 1/2" diam. iron pipe with brass cap: The sec. cor. of sec. 25 & 36 only.

Set by Griffin, found 2 1/2" diam. stainless steel post with brass cap:
The 1/4 sec. cor. of sec. 24 & 25,
the 1/4 sec. cor. of sec. 25 & 26,
the 1/4 sec. cor. of sec. 25 only, and
the 1/4 sec. cor. of sec. 25 & 36.

OTHER MONUMENTS TIED: I made a survey tie to the following (non-controlling) monument, set by Griffin, found 2 1/2" diam. stainless steel post with brass cap:

The closing corner of sec. 30 & 31, T.5S., R.42E.

GEODETIC TIES:

From the Center 1/4 sec. cor. of sec. 25 to control station Cath, N. 23°53'02" W., 21,184.97 feet dist.

From the Center 1/4 sec. cor. of sec. 25 to control station Chinic, N. 59°30'27" E., 20,554.07 feet dist.

Control Station Information (from David Evans & Assoc.)

Datum: NAD83 Precision: 1:50,000

Cath 1989, located in the SE 1/4, Sec. 3, T5S, R41E, 45°09'16.16653" N. Lat., 117°39'57.45990" W. Long., found USFS, 3 1/2" diam., aluminum cap & pipe.

Chinic 1989, located in the E 1/2, Sec. 16, T5S, R42E, 45°07'47.84707" N. Lat., 117°33'50.81169" W. Long., found USFS, 3 1/2" diam., aluminum cap set in concrete.

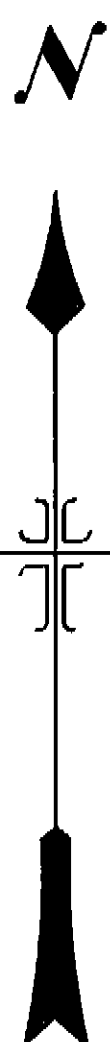
TRESPASS:

#1 - At the time of the survey, the private land was being logged. Six acres of National Forest System Lands were cut along the South line of this section.

#2 - Also, along the South line of this section, a pond has been constructed which encroaches on the public's land.

#3 - There is an additional timber trespass along the East-West center line of this section, it is about one acre in size.

#4 - A private cable, road closing gate, is mis-located on National Forest System Lands.



LEGEND

- MONUMENT ESTABLISHED THIS SURVEY.
- EXISTING CORNER EVIDENCE ACCEPTED.
- () RECORD DATA, SEE SURVEY HISTORY (Measurement followed by the surveyors initials)
- OLD PROPERTY BOUNDARY SIGN, NOW REMOVED.
- NATIONAL FOREST SYSTEM LANDS PROPERTY BOUNDARY POSTED TO STANDARD.
- ▨ NATIONAL FOREST SYSTEM LANDS

NARRATIVE

The purpose of this survey is to retrace a portion of Sec. 25, T. 5 S., R. 41 E. and to perform the original section subdivision of this section. Also to post the National Forest System Lands boundary with posts & signs.

Crew members on this project were:
Roger O. Green, LS 2211, USFS
Roanna K. Ruston (now Tomlinson), USFS

Survey commenced 8-28-97, completed 9-30-97.

SURVEY EQUIPMENT: 3 Trimble 4000SSE GPS receivers were used for the control work, these are dual frequency geodetic receivers.
A Sokkia, Set 3B, No. 11379, which is a 5" total-station was used for the traverse.

SURVEY METHOD: GPS ties were made from control stations Chinic & Cath (which are part of the Wallowa-Whitman Control Network, by David Evans & Associates) to rebars set near the needed corners. Closed loop traverses were run from the rebars to the corners and along the property boundary lines. The section was subdivided and offsets were computed from the random traverse lines and the property boundary was posted. The Center 1/4 section corner was established and monumented.

The field notes and computations are contained in a notebook titled Prong Cadastral Survey, located at the Wallowa-Whitman National Forest headquarters, 1550 Dewey Ave., Baker City, Oregon.

NOTE: See Certified Record of Land Corner Monumentation filed separately for each monument shown hereon.

UNION COUNTY SURVEYOR

Date Received: 8/5/98

Date Filed: 8/23/98

By: R. Robinson, Deputy

File No. 032-1998

REGISTERED PROFESSIONAL LAND SURVEYOR

ROGER O. GREEN

JULY 17, 1988

2211

CURRENT REGISTRATION PERIOD ENDS 6-30-99

SHEET 1 OF 1

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE WALLOWA-WHITMAN NATIONAL FOREST SUPERVISOR.

William K. Smith MUL 31 1988
KARYN L. WOOD DATE

I, ROGER O. GREEN, A REGISTERED LAND SURVEYOR IN THE STATE OF OREGON, HEREBY CERTIFY THAT THIS PLAT, THE NOTES AND CORNER CERTIFICATES REPRESENT A SURVEY THAT I HAVE PERFORMED DURING 1997 FOR THE WALLOWA-WHITMAN NATIONAL FOREST, AT THE REQUEST OF THE U.S.D.A. FOREST SERVICE, IN ACCORDANCE WITH THE STATUTES OF THE STATE OF OREGON.

Roger O. Green 7-30-98
ROGER O. GREEN, L.S. 2211 DATE
WALLOWA-WHITMAN NATIONAL FOREST
1550 DEWEY AVENUE
BAKER CITY, OREGON 97814
PHONE (541) 523-6391

Survey No. 032-1998