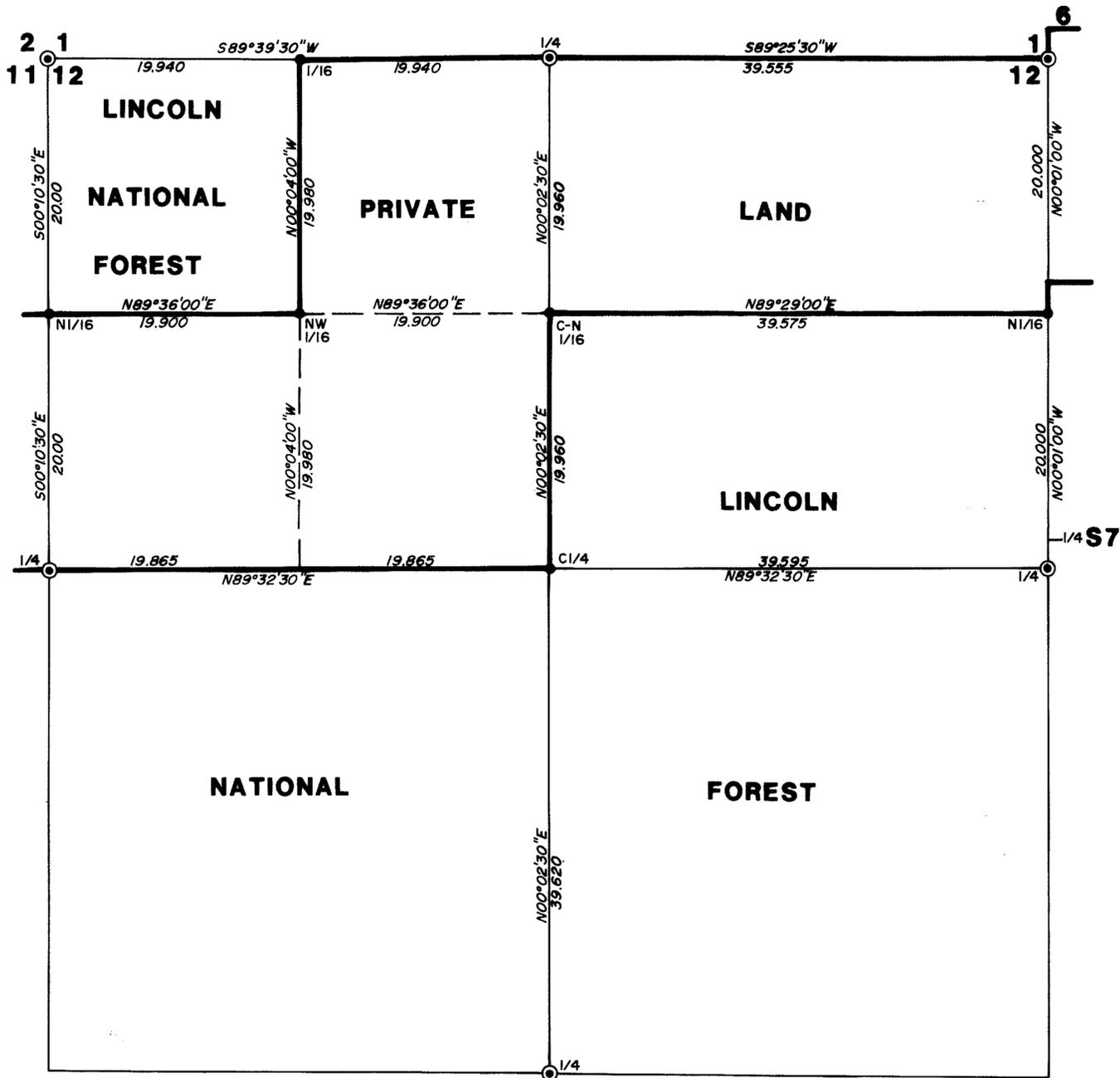


# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 12, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY.

SITUATED IN T.17 S. R.12 E. N.M.P.M. OTERO COUNTY, NEW MEXICO



Survey executed by: W. E. Roeder, Chief of Party  
Assistants: J. A. Romero, Instrument Man

Survey commenced July 7, 1982  
Survey completed July 19, 1982

**CERTIFICATION**

This plat represents a record of the Retracement Survey, Subdivision and Monumentation of Section 12, T 17S, R 12E, N.M.P.M. Otero County, New Mexico, which constitutes a portion of the property boundaries of the Lincoln National Forest.

The original subdivision of T 17S., R 12E, was made by Bart A. Nymeyer, U. S. Deputy Surveyor, in 1896. A Dependent Resurvey was made by Wendell G. Hall, Surveyor of the U. S. General Land Office in 1938 and is a record of the Bureau of Land Management in Santa Fe.

This Retracement Survey, Subdivision, Monumentation and record thereof was made as a result of the request of the Supervisor, Lincoln National Forest for the purpose of identifying and perpetuating the evidence of the previous official surveys and is intended for his exclusive use.

I certify that this Retracement Survey, Subdivision, Monumentation and record thereof was made by me or my assistants under my supervisory direction and that same is true and correct to the best of my knowledge.



**NOTE**

This survey was executed in accordance with the instructions set forth in the BLM "Manual of Instructions for the Survey of the Public Lands of the United States - 1973" using a 1 second direction theodolite and electronic distance measuring equipment. The direction of lines were determined by angular measurement from an initial bearing obtained from the 1938 Dependent Resurvey of the east boundary of Section 12. Distances were measured on the slope in feet and converted by vertical angle measurement to horizontal chains to the nearest 1/2 link. All corners established as a result of this survey were monumented with an aluminum post, 2 1/2 ins. diam., 30 ins. long, with magnetic cap and base. (record) refers to the 1938 GLO survey.

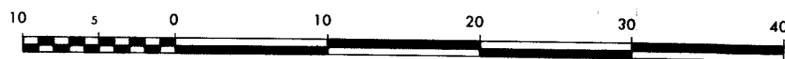
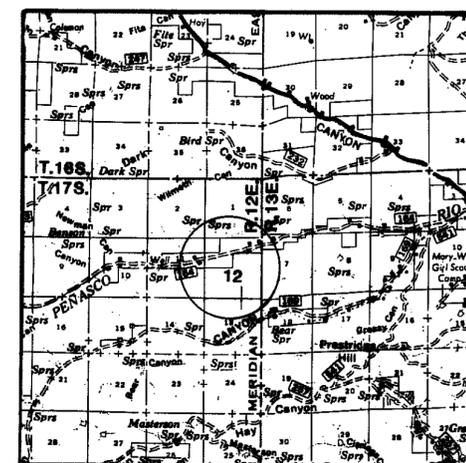
**FOREST SERVICE SIGN DESIGNATION**

- 54-2 PROPERTY BOUNDARY
- 54-3 BEARING TREE
- 54-4 ATTENTION
- 54-9 LAND SURVEY MONUMENT



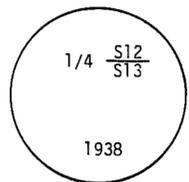
**LEGEND**

- CORNER REMONUMENTED OR MONUMENTED
- FOUND G.L.O. BRASS CAP OR B.L.M. BRASS CAP
- FOUND USDA-FS MONUMENT
- FOUND EVIDENCE BELIEVED ACCEPTABLE
- POINT NOT SET
- NATIONAL FOREST BOUNDARY
- PORTION OF SURVEY
- EXISTING RIGHT OF WAY
- EXISTING CENTERLINE OF ROAD
- ORIGINAL SURVEY LINE NOT INCLUDED IN THIS SURVEY
- NATIONAL FOREST BOUNDARY, NOT A PORTION OF THIS SURVEY



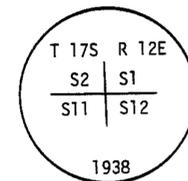
# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 12, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY. SITUATED IN T.17 S. R.12 E. N.M.P.M. OTERO COUNTY, NEW MEXICO

Commence this survey at the 1/4 section corner of Sections 12 and 13 as evidenced by a G.L.O. iron post, firmly set, proj. 16 ins. above ground, with brass cap mkd.



from which  
A ponderosa pine, 12 ins. diam., bears N54°W, 12 lks. dist., mkd. XBT.  
Attach FS sign 54-3.  
A ponderosa pine, 18 ins. diam., bears S73°W, 98 lks. dist., mkd. XBT.  
Attach FS sign 54-3.  
Continue N 00°02'30" E.

39.88 (record: 40.00) at which point  
Intersect the corner of Sections 1, 2, 11 and 12 as evidenced by a G.L.O. iron post, proj. 6 ins. above ground, firmly set, with brass cap mkd.

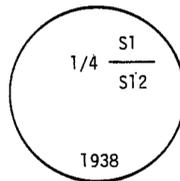


59.91 Cross centerline of Forest Road #164 bearing east-west.  
Ascend steep south slope, through timber.

79.540 At which point,  
Intersect the 1/4 section corner of Sections 1 and 12 as evidenced by a G.L.O. iron post, firmly set, proj. 8 ins. above ground, with brass cap mkd.

A steel post with FS sign 54-4 attached alongside  
from which the bearing trees of 1938.  
A fir, 10 ins. diam., bears N36½°E, 44 lks. dist., (record) with an overgrown blaze.  
A pine, 22 ins. diam., bears S27°E, 67 lks. dist., (record) with an overgrown blaze.  
A pine, 18 ins. diam., bears S75½°W, 65 lks. dist., (record) with an almost closed blaze.  
A fir, 8 ins. diam., bears N31½°W, 19 lks. dist., (record) with an overgrown blaze.  
Attach FS signs 54-3 to all bearing trees.

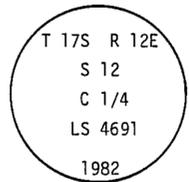
00.00 Thence  
N 00°02'30" E,  
Along the meridional centerline of Section 12.



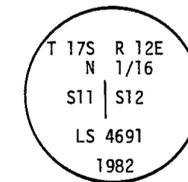
39.620 Intersect the latitudinal centerline of Section 12 at which point,  
Set an aluminum post, 30 ins. long, 28 ins. in ground, with cap mkd.

from which an original bearing tree  
A fir stump, 30 ins. diam., 20 feet high, bears S58½°W, 22 lks. dist. (record) with an overgrown blaze.  
The bearing trees of 1938.  
An oak, 8 ins. diam., bears S39 3/4°W, 54 lks. dist., (record) with an overgrown blaze.  
A fir, 16 ins. diam., bears N37½°W, 47 lks. dist., (record) with an overgrown blaze.  
Attach FS signs 54-3 to all bearing trees.

00.00 Thence  
S 00°10'30" E (record: S00°05'E)  
Between Sections 11 and 12, north 1/2 mile.  
20.000 Proportional distance for N 1/16 corner at which point,  
Set an aluminum post, 30 ins. long, 6 ins. in the ground on bedrock, with cap mkd.



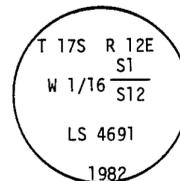
from which  
A white fir, 6 ins. diam., bears S80°W, 16½ lks. dist., mkd. XBT.  
Attach FS sign 54-3  
A white fir, 14 ins. diam., bears S30°E, 37 lks. dist., mkd. XBT.  
Attach FS sign 54-3  
Descend steep north slope, through timber.  
N 00°02'30" E along meridional centerline.



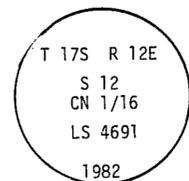
59.580 Proportional distance for CN 1/16 corner at which point,  
Set an aluminum post, 30 ins. long, 28 ins. in ground with cap mkd.

00.00 Thence  
S 89°39'30" W (record: S 89°36'W)  
Between Sections 1 and 12, west 1/2 mile.  
19.940 Proportional distance for W 1/16 corner at which point  
Set an aluminum post, 30 ins. long, 18 ins. in ground, with cap mkd.

from which  
A fir, 5 ins. diam., bears S45°W, 15½ lks. dist. mkd. XBT.  
Attach FS signs 54-3 and 54-9  
A 4 inch chiseled cross mark in face of an outcropping boulder bears N18°E, 6 3/4 lks. dist., 3 ft. higher than top of post.  
An old 3/4 in. rebar, proj. 11 ins., bears north, 1 lk. dist.  
Continue S 00°10'30" E.



from which  
A fir, 20 ins. diam., bears N27°W, 24 lks. dist., mkd. XBT.  
Attach FS signs 54-3 and 54-9.  
A fir, 16 ins. diam., bears S65°W, 28½ lks. dist., mkd. XBT.  
Attach FS sign 54-3.  
Continue S 89°39'30" W.



PLAT PREPARED BY  
**Martinez/Naylor & Associates**

U.S. DEPARTMENT OF AGRICULTURE  
**FOREST SERVICE**  
SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO

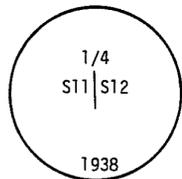
---

**RECORD OF SURVEY**

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 12, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY. SITUATED IN T.17 S. R.12 E. N.M.P.M. OTERO COUNTY, NEW MEXICO

40.000 (record: 40.005) at which point.

Intersect the 1/4 section corner of Sections 11 and 12 as evidenced by a G.L.O. iron post, firmly set, proj. 6 ins. above ground, with brass cap mkd.



from which  
A fir, 16 ins. diam., bears N30½°W, 91 lks. dist. (record) with an overgrown blaze.  
Attach FS sign 54-3.  
An aspen, 9 ins. diam., bears N74°E, 87 lks. dist., (record) with an overgrown blaze.  
Attach FS sign 54-3.

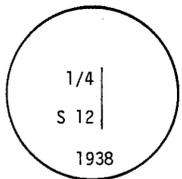
00.00 Thence  
N 89°32'30" E.

Along the latitudinal centerline of Section 12.

19.865 Proportional distance for CW 1/16 corner, not monumented.

39.730 Intersect the C 1/4 corner previously described.  
Continue N 89°32'30" E.

79.325 At which point,  
Intersect the 1/4 section corner of Section 12 only, as evidenced by a G.L.O. iron post, proj. 10 ins. above ground, with brass cap mkd.

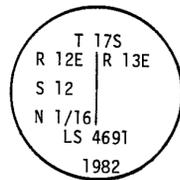


from which  
An oak, 14 ins. diam., bears S42½°W, 66 lks. dist. (record) with an overgrown blaze.  
Attach FS sign 54-3.  
A fir, 16 ins. diam., bears N88°W, 20 lks. dist. (record) with an overgrown blaze.  
Attach FS sign 54-3.

00.00 Thence  
N 00°01'00" W (record NORTH)  
Between Sections 12 and 7, ranges 12 east and 13

20.000 Proportional distance for N 1/16 corner of Section 12 only at which point.

Set an aluminum post, 30 ins. long, 26 ins. in ground, with cap mkd.



from which  
A Douglas fir, 10 ins. diam., bears S54°E, 21 lks. dist., mkd. XBT.  
Attach FS sign 54-3.  
A Douglas fir, 12 ins. diam., bears S50°W, 25½ lks. dist., mkd. XBT.  
Attach FS sign 54-3.

An old 1/2 in. diam., rebar, proj. 5 ins. above ground, bears south 3½ lks. dist.

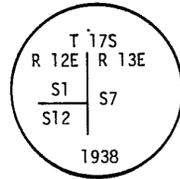
A fence corner bears east, 25 lks. dist., from which a barbed wire fence extends north, south and east.

Continue N 00°01'00"W.

30.99 Cross barbed wire fence line on south side of Forest Road #164 20 lks. west of a cattle guard.

40.000 (record) at which point.

Intersect the corner of Sections 1 and 12 on west boundary of Section 7 (range line) as evidenced by a G.L.O. iron post, firmly set, proj. 10 ins. above ground, with brass cap mkd.



from which old bearing trees.  
A white pine, 26 ins. diam., bears S46½°W, 23 lks. dist., mkd. T.17S, R.12E, S 12 BT.  
A ponderosa pine, 20 ins. diam., bears N70°W, 75 lks. dist., mkd. T.17S, R.12E, S 1 BT.  
A fir, 16 ins. diam., bears S9½°W, 116 lks. dist. (record) with an overgrown blaze.  
A white pine, 24 ins. diam., bears N41½°W, 81 lks. dist. (record) mkd. T.17S, R.12E, S1 BT.  
Attach FS signs 54-3 to all bearing trees.

00.00 Thence  
S 89°25'30" W (record: S89°25'W)  
Between Sections 1 and 12, east 1/2 mile.

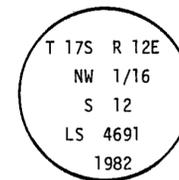
39.555 (record: 39.44) at which point  
Intersect the 1/4 section corner of Sections 1 and 12, previously described.

Return to the N 1/16 corner of Sections 11 and 12, previously described.

00.00 Thence  
N 89°36'00" E.

Along the latitudinal centerline of the NW 1/4 of Section 12.

19.900 Intersect the meridional centerline of the NW 1/4 at which point  
Set an aluminum post, 30 ins. long, 24 ins. in ground, with cap mkd.



from which  
A fir, 16 ins. diam., bears S75°W, 19 lks. dist., mkd. XBT.  
Attach FS signs 54-3 and 54-9.  
A limber pine, 6 ins. diam., bears S44°E, 23 lks. dist., mkd. XBT.  
Attach FS sign 54-3.  
An old 3/4 in. diam. rebar, proj. 6 ins. above ground, bears S 33°E, 22½ lks. dist.

00.00 Thence  
N 00°04'00" W

19.980 At which point  
Intersect the W 1/16 corner of Sections 1 and 12, previously described.

STATE OF NEW MEXICO  
OTERO COUNTY  
FILED FOR RECORD IN MY OFFICE  
This day of October 1982  
At 8:50 o'clock 11 A.M. and duly recorded  
in Book No. 29 Page 18-20  
the records of Otero County, New Mexico  
County Clerk, Otero County, New Mexico  
*William H. Miller*

79045

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO  
RECORD OF SURVEY

PLAT PREPARED BY

**Martinez/Naylor**  
& Associates

Bk 29 Pa 20  
SHEET 3 OF 3

ENGINEER, NEW MEXICO 5116 • (505) 264-9071