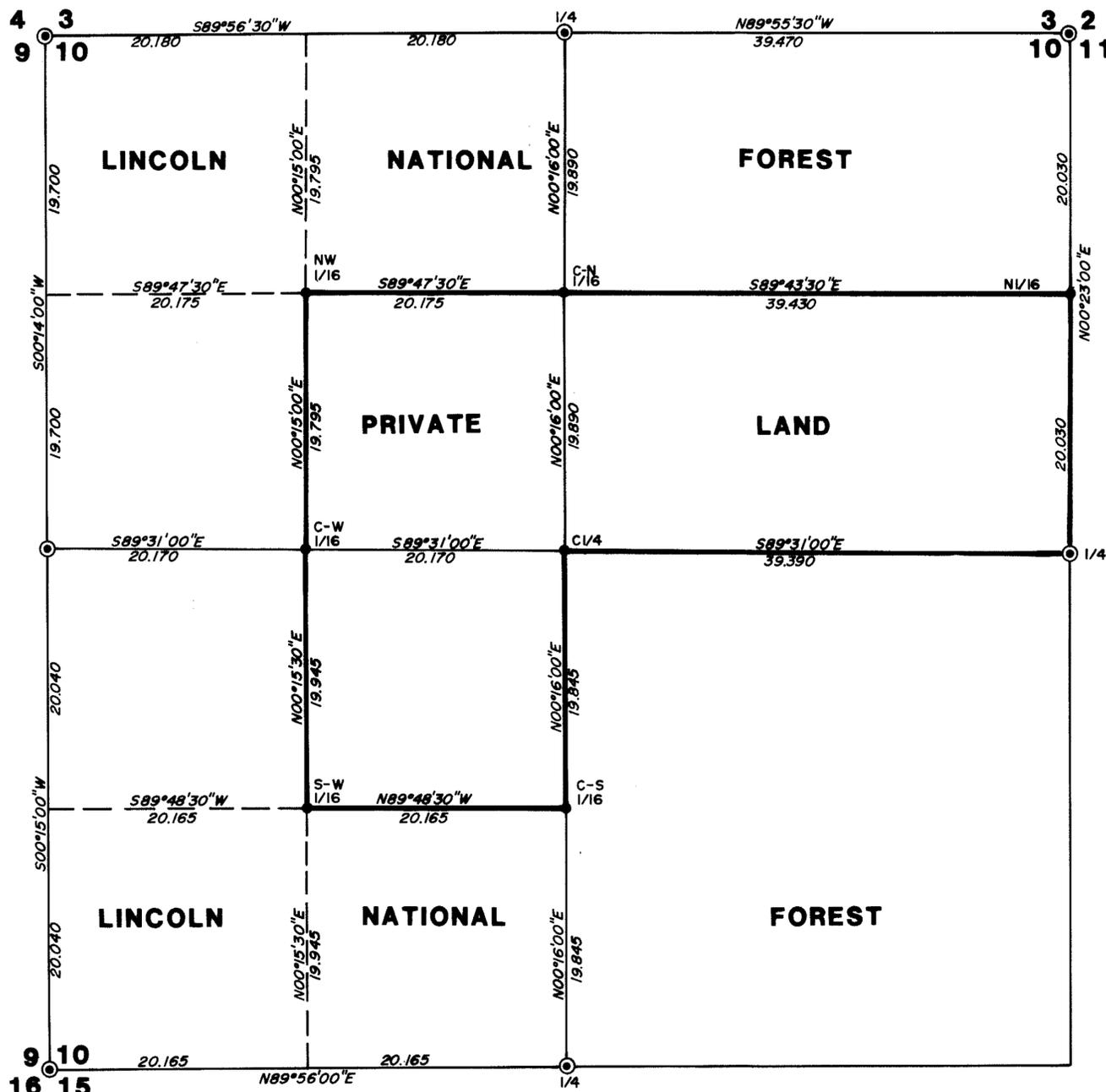


# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARIES SITUATED IN T.17S., R.12E. N.M.P.M. NEW MEXICO



Lincoln National Forest, Cloudcroft Ranger District, Otero County, New Mexico, T.17S., R.12E., Section 10, New Mexico Principal Meridian.  
Remarks: Retracement Survey, Subdivision and Monumentation of Section 10.

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

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

### CERTIFICATION

This plat represents a record of the Retracement Survey, Subdivision and Monumentation of Section 10, 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.

*Wilfried E. Roeder*

Wilfried E. Roeder, Registered Land Surveyor  
Lincoln National Forest  
Alamogordo, New Mexico

### 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 west boundary of section 10. 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.

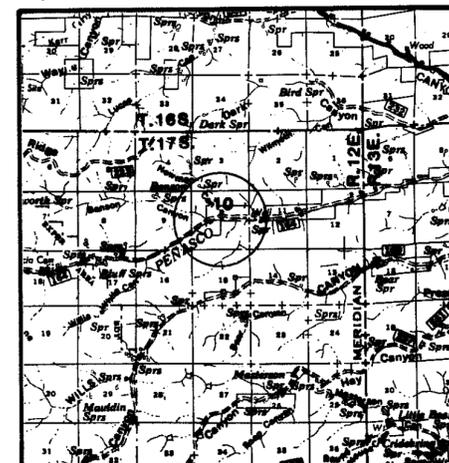
### FOREST SERVICE SIGN DESIGNATION

- 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 . . . . . ⊙
- REBAR . . . . . ○
- 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. . . . . - - - - -



PLAT PREPARED BY

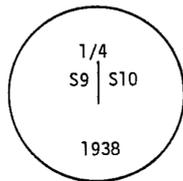
**Martinez/Naylor & Associates**

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

RECORD OF SURVEY

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARIES SITUATED IN T. 17S., R12E. N.M.P.M. NEW MEXICO

Commence this survey at the 1/4 section corner of Sections 9 and 10 as evidenced by a GLO iron post, firmly set, proj. 4 ins. above ground, with brass cap mkd.



from which old bearing trees:

- A pine stump, 20 ins. diam., bears N85½°E, 39 lks. dist., (record) scribe marks rotted off.
- A pine stump, 26 ins. diam., bears N64½°W, 72 lks. dist., (record) with marks burned out.
- An aspen, 16 ins. diam., bears S4½°E, 99 lks. dist. (record) with an overgrown blaze.
- An aspen, 12 ins. diam., bears S66½°E, 186 lks. dist. (record) with an overgrown blaze.
- Attach FS signs 54-3 to all bearing trees.

00.00 Thence with record bearing

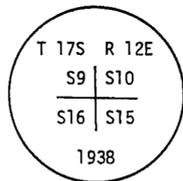
S 00°15'00" W

Between Sections 9 and 10, south 1/2 mile.

20.040 Proportional distance for S 1/16 corner, not monumented.

40.080 (record: 40.15) at which point

Intersect the corner of Sections 9, 10, 15 and 16 as evidenced by a GLO iron post, firmly set, proj. 10 ins. above ground, with brass cap mkd.



from which the bearing trees of 1938

- A fir, 20 ins. diam., bears N27°E, 49 lks. dist. (record) with an overgrown blaze.
- A fir, 28 ins. diam., bears S47½°E, 105 lks. dist. (record) with an overgrown blaze.
- A fir, 14 ins. diam., bears S8½°W, 44 lks. dist. (record) with an almost closed blaze, markings visible.
- A fir, 18 ins. diam., bears N32½°W, 27 lks. dist. (record) with an overgrown blaze.
- Attach FS signs 54-3 to all bearing trees.

00.00 Thence

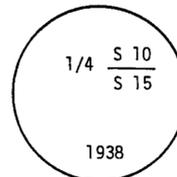
N 89°56'00" E (record: N 89°52' E)

Between Sections 10 and 15, west 1/2 mile.

20.165 Proportional distance for W 1/16 corner, not monumented.

40.330 (record: 40.37) at which point

Intersect the 1/4 section corner of Sections 10 and 15 as evidenced by a GLO iron post, proj. 12 ins. above ground, firmly set, with brass cap mkd.



surrounded by a mound of stone 3'x3'x1'.

from which old bearing trees

- An oak, 8 ins. diam., bears S5°E, 33 lks. dist. (record) with an almost closed blaze, markings visible.

A fir, 10 ins. diam., bears N70½°E, 33 lks. dist. (record) with an overgrown blaze.

A fir, 18 ins. diam., dead and down, place where tree stood bears S9°W, 50 lks. dist. (record) blaze not found.

Attach FS signs 54-3 to all bearing trees.

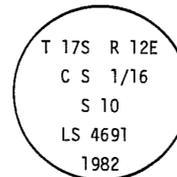
00.00 Thence

N 00°16'00" E

Along the meridional centerline of Section 10.

19.845 Proportional distance for C S 1/16 corner at which point,

Set an aluminum post, 30 ins. long, 27 ins. in ground, with cap mkd.



from which

- An oak, 9 ins. diam., bears S32°W, 6 lks. dist., mkd. X BT.
- Attach FS signs 54-3 and 54-9.
- A fir, 11 ins. diam., bears S36°E, 18½ lks. dist., mkd. X BT.
- Attach FS sign 54-3.

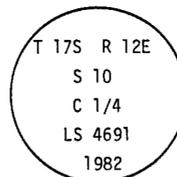
Continue N 00°16'00" E.

Descend north slope through heavy timber.

38.7 Cross Rio Penasco, enter pasture.

39.69 Intersect the latitudinal centerline of Section 10 at which point,

Set an aluminum post 30 ins. long, 23 ins. in ground, with cap mkd.



Build a mound of stone 2 ft. at base around the corner post to the top of cap.

A 3/4 in. galv. iron pipe, proj. 6 ins. in old mound of stone bears west, 12.6 ft dist., origin unknown.

No bearing trees available.

Continue N 00°16'00" E

Through old corral.

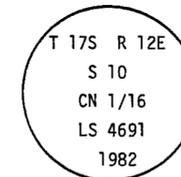
43.88 Cross gravelled Forest Road #164 bearing east-west

Continue N 00°16'00"E

Ascend south slope, through pine and fir timber.

59.580 Proportional distance for C N 1/16 corner at which point,

Set an aluminum post, 30 ins. long, 23 ins. in ground, with cap mkd.



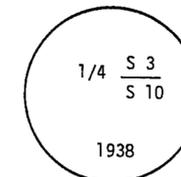
from which

- A limber pine, 10 ins. diam., bears N30°W, 45 lks. dist., mkd. X BT.
- Attach FS sign 54-3.
- A timber pine, 10 ins. diam., bears N35°E, 4½ lks. dist., mkd. XBT.
- Attach FS signs 54-2, 54-3 and 54-9

Continue N 00°16'00" E

79.470 at which point

Intersect the 1/4 section corner of Sections 3 and 10 as evidenced by a GLO iron post, firmly set, proj. 4 ins. above ground bend 45° toward SW, with brass cap mkd.



from which the bearing trees of 1938

- A pine, 16 ins. diam., bears N7°W, 42 lks. dist. (record) mkd. 1/4S 3 BT.

Attach FS sign 54-3

A pine, 12 ins. diam., bears S9½°W, 51 lks. dist. (record) with an overgrown blaze.

Attach FS sign 54-3



PLAT PREPARED BY

**Martinez/Naylor & Associates**  
ENGINEERS, SURVEYORS, REAL ESTATE BROKERS  
1000 COMMERCIAL, N.E. ALBUQUERQUE, NEW MEXICO 87110 • (505) 241-9001

Bk 29 Pa 15  
**SHEET 2 OF 4**

U.S. DEPARTMENT OF AGRICULTURE



**FOREST SERVICE**

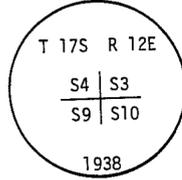


SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO

**RECORD OF SURVEY**

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARIES SITUATED IN T.17S.,R12E. N.M.P.M. NEW MEXICO

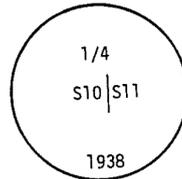
00.00 Thence  
 S 89°56'30" W (record: S 89°52' W)  
 Between Sections 3 and 10, west 1/2 mile.  
 20.180 Proportional distance for W 1/16 corner, not monumented.  
 40.360 (record: 40.42) at which point  
 Intersect the corner of Sections 3, 4, 9 and 10 as evidenced by a  
 GLO iron post, firmly set, proj. 6 ins. above ground, original  
 stone alongside, with brass cap mkd.



from which original bearing trees  
 A pine, 20 ins. diam., bears N20½°E, 60 lks. dist., (record)  
 mkd. T 17S, R 12E, S3 BT.  
 A fir, 36 ins. diam., bears N20½°W, 30 lks. dist. (record) with  
 an overgrown blaze.  
 The bearing trees of 1938  
 A pine, 15 ins. diam., bears S39°E, 52 lks. dist. (record) mkd.  
 T 17S, R 12E, S10 BT.  
 A fir, 30 ins. diam., bears S29½°W, 72 lks. dist., (record) mkd.  
 T 17S, R 12E, S9 BT.  
 A pine, 18 ins. diam., bears N7½°W, 38 lks. dist. (record) with  
 an almost closed blaze, markings visible.  
 Attach FS signs 54-3 to all bearing trees.

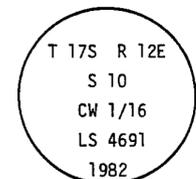
from which  
 A ponderosa pine, 13 ins. diam., bears N80°W, 71½ lks. dist., mkd.  
 XBT.  
 Attach FS sign 54-3.  
 A ponderosa pine, 18 ins. diam., bears N25°W, 152½ lks. dist.,  
 mkd. XBT.  
 Attach FS sign 54-3.  
 The center of a cattle guard on Forest Road #164 bears S26°W,  
 109 lks. dist.  
 Drive a steel post with FS signs 54-2 and 54-9 attached alongside  
 monument.  
 Continue S 89°31'00" E  
 Cross Forest Road #164 bears east-west, enter pasture.

40.340 Intersect the C 1/4 corner previously described.  
 Continue S 89°31'00" E along latitudinal centerline Section 10.  
 79.730 at which point,  
 Intersect the 1/4 section corner of Sections 10 and 11 as evidenced  
 by a GLO iron post, brass cap set flush with ground, mkd.

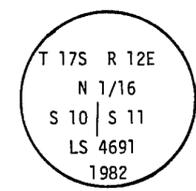


A steel post with FS sign 54-4 alongside.  
 from which an original bearing tree  
 A fir, 36 ins. diam., bears S24½°W, 199 lks. dist. (record) with  
 an almost closed blaze, markings visible.  
 Attach FS sign 54-3  
 The bearing tree marked 1938  
 A pine, 18 ins. diam., bears S32½°E, 208 lks. dist. (record) with  
 an overgrown blaze.  
 Attach FS sign 54-3.

00.00 Thence  
 S 00°14'00" W (record: S 00°07' W)  
 Between Sections 9 and 10, north 1/2 mile.  
 19.700 Proportional distance for N 1/16 corner, not monumented.  
 39.400 (record: 39.36) at which point  
 Intersect the 1/4 section corner of Sections 9 and 10, previously  
 described, from which I started.  
 00.00 Thence  
 S 89°31'00" E  
 Along the latitudinal centerline of Section 10.  
 20.170 Proportional distance for CW 1/16 corner at which point,  
 Set an aluminum post, 30 ins. long, 22 ins. in ground, with cap mkd.

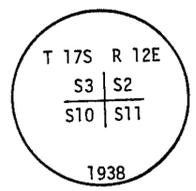


00.00 Thence  
 N 00°23'00" E (record: N 00°21' E)  
 Between Sections 10 and 11, north 1/2 mile.  
 1.1 Center of Rio Penasco  
 Cross pasture and Forest Road #164.  
 20.030 Proportional distance for N 1/16 corner at which point,  
 Set an aluminum post, 30 ins. long, 20 ins. in ground, with  
 cap mkd.



from which  
 A Limber pine, 10 ins. diam., bears N2°45'W, 20 lks. dist., mkd.  
 XBT.  
 Attach FS sign 54-3.  
 A white fir, 8 ins. diam., bears S38°45'E, 21 lks. dist., mkd.  
 XBT.  
 Attach FS sign 54-3.  
 Continue N 00°23'00" E.

40.060 (Record: 40.17) at which point  
 Intersect the corner of Sections 2, 3, 10 and 11 as evidenced by a  
 GLO iron post, firmly set, proj. 8 ins. above ground, with brass  
 cap mkd.



from which the bearing trees of 1938  
 A pine stump, 13 ins. diam., bears N6½°E, 76 lks. dist. (record)  
 mkd. S 2 BT. Other markings cut off.  
 A fir stump, 16 ins. diam., bears S59½°E, 23 lks. dist. (record)  
 markings cut off.  
 A fir, 16 ins. diam., bears S88°W, 53 lks. dist. (record) with an  
 overgrown blaze.  
 A pine stump, 12 ins. diam., bears N58½°W, 42 lks. dist. (record)  
 lower end of blaze visible, markings cut off.  
 Attach FS signs 54-3 to all bearing trees.  
 Drive a steel post with FS sign 54-4 attached alongside monument.



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

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARIES SITUATED IN T.17S.,R12E. N.M.P.M. NEW MEXICO

00.00 Thence  
 N 89°55'30" W (record: N 89°57' W)  
 Between Sections 3 and 10, east 1/2 mile.

39.470 (record: 39.75) at which point  
 Intersect the 1/4 section corner of Sections 3 and 10, previously described.  
 Return to the C-S 1/16 corner previously described.

00.00 Thence  
 N 89°48'30" W  
 Along the latitudinal centerline of the SW 1/4 of Section 10.

20.165 Intersect the meridional centerline of the SW 1/4 at which point,  
 Set an aluminum post, 30 ins. long, 20 ins. in ground, with cap mkd.

from which  
 A fir, 10 ins. diam., bears S75°E, 8 lks. dist. mkd. XBT.  
 Attach FS signs 54-3 and 54-9.

A fir, 10 ins. diam., bears N40°E, 9 lks. dist., mkd. XBT.  
 Attach FS signs 54-3 and 54-2.

00.00 Thence  
 S 89°47'30" E

20.175 At which point,  
 Intersect the CN 1/16 corner, previously described.

T 17S R 12E  
 SW 1/16  
 S 10  
 LS 4691  
 1982

from which  
 A limber pine, 10 ins. diam., bears N65°W, 19½ lks. dist., mkd. XBT.  
 Attach FS sign 54-3.

A white fir, 12 ins. diam., bears S5°E, 15½ lks. dist., mkd. XBT.  
 Attach FS sign 54-3.

00.00 Thence  
 N 00°15'30" E

19.945 At which point,  
 Intersect the CW 1/16 corner previously described.

00.00 Thence  
 N 00°15'00" E  
 Along the meridional centerline of the NW 1/4 of Section 10.

19.795 Intersect the latitudinal centerline of the NW 1/4 at which point,  
 Set an aluminum post, 30 ins. long, 22 ins. in ground, with cap mkd.

T 17S R 12E  
 S 10  
 NW 1/16  
 LS 4691  
 1982

STATE OF NEW MEXICO  
 OTERO COUNTY  
 FILED FOR RECORD IN MY OFFICE  
 This day of October 1982  
 at 10:10 clock A.M. and duly recorded  
 in Book No. 29 Page 14-17  
 the records of Otero County, New Mexico  
*Rafael Sanchez*  
 County Clerk, Otero County, New Mexico