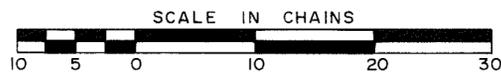
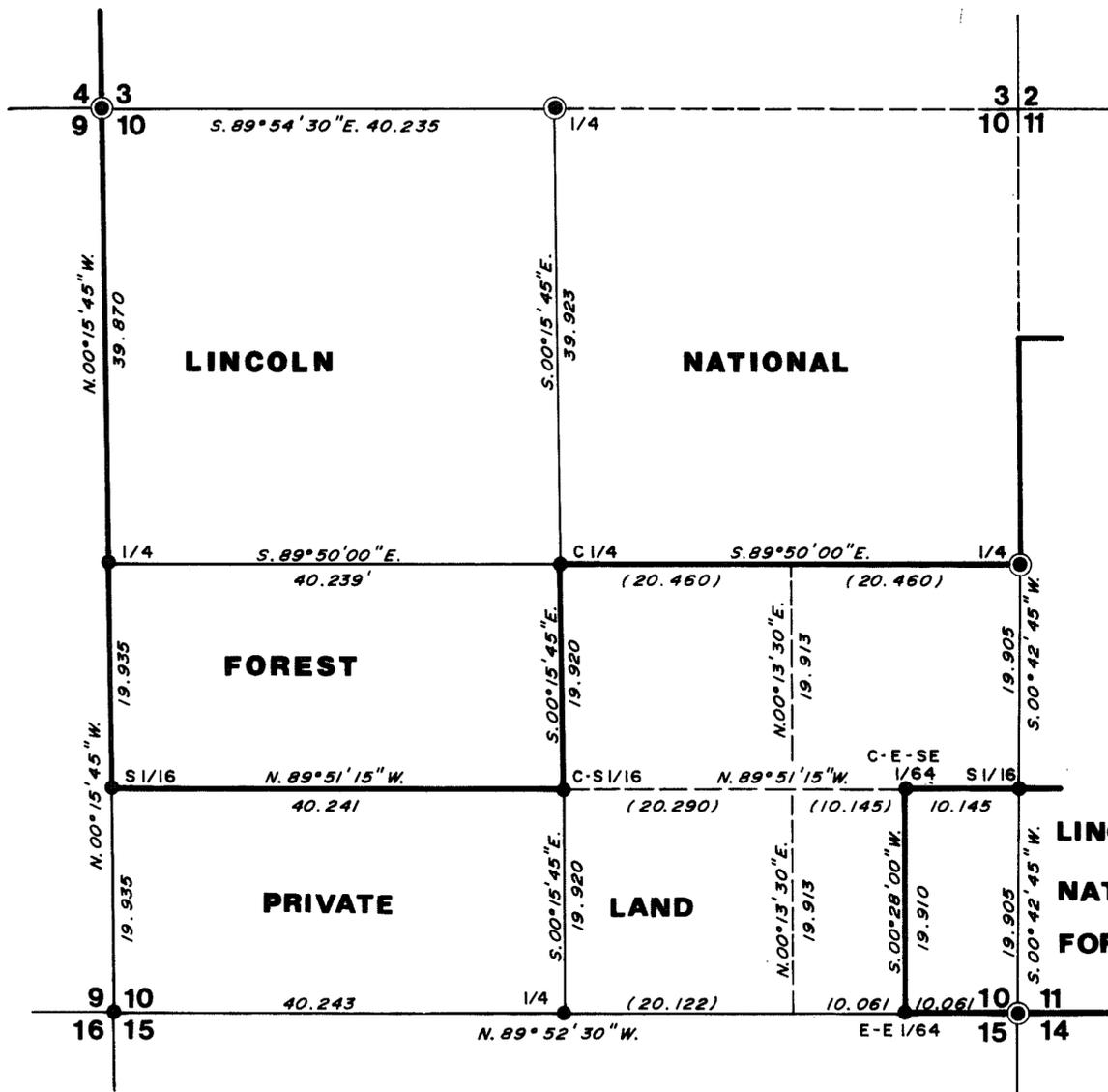


# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

SITUATED IN T.15 S., R.11E., NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO



NOTE:  
ALL DISTANCES IN CHAINS  
AZIMUTH DETERMINED BY SOLAR OBSERVATION



This plat represents a record of the retracement survey, subdivision and monumentation of section 10, T. 15 S., R. 11 E., New Mexico Principal Meridian, Otero County, New Mexico, which constitutes a portion of the property boundaries of the Lincoln National Forest.

The original survey of section 10 was executed by John Shaw, U.S. Deputy Surveyor in July 1884. The North and East boundaries of section 10 were re-surveyed by O. N. Eggen and G. V. Olson, Cadastral Surveyors of the Bureau of Land Management in 1977. Both surveys are a record of the B.L.M. in Santa Fe, New Mexico.

This retracement survey, subdivision, monumentation and record thereof is for the purpose of identifying and perpetuating the evidence of the previous official surveys and to identify the property boundary of the Lincoln National Forest. It was made at the request of the Supervisor, Lincoln National Forest, 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.

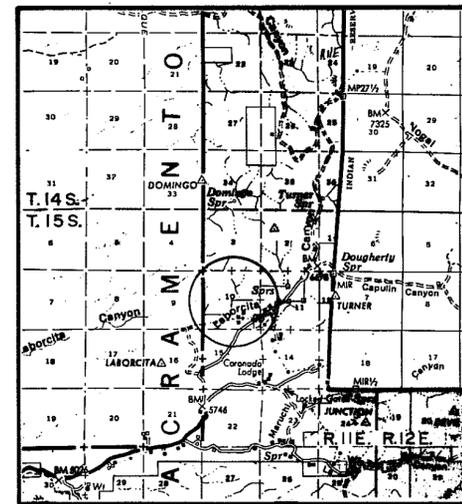
*Michael E. Roeder*  
W. E. Roeder, Land Surveyor, Lincoln National Forest  
Alamogordo, New Mexico, February 1980  
R. L. S. No. 4071

Survey Executed By: Juan A. Romero, Chief of Party  
Assistants: Linda Hiles Instrumentperson  
Charles Esquero  
Robert Pender

Note:  
This survey was executed in accordance with the instructions set forth in the B.L.M. "Manual of Surveying Instructions for the Survey of the Public Lands of the U.S. -1973", using a 1 minute repeating theodolite and electronic distance measuring equipment. The direction of lines was determined by angular measurement from an initial azimuth obtained by direct solar observation. Distances were measured on the slope in feet and converted to horizontal chains and links. All corners established as a result of this survey were monumented with an aluminum post, 2½ ins. diam., 30 ins. long with Forest Service cap and base. "Record" refers to the official GLO survey of 1884 unless otherwise indicated.

### LEGEND

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

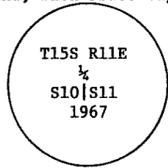


U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO

W.E.R. RECORD OF SURVEY

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

Commence this survey at the  $\frac{1}{4}$  section corner of sections 10 and 11, T. 15 S., R. 11 E., which is evidenced by a standard BLM iron post projecting 12 ins. above the ground, with brass cap mkd.:



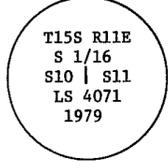
No bearing trees of record.

Mark two new bearing trees:  
 A Pinon, 4 ins. diam., bears N. 37° E., 73 lks. dist., mkd. X BT. Attach F.S. sign 54-3.  
 A Pinon, 6 ins. diam., bears N. 69° W., 82 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. signs 54-2 and 54-4 attached alongside the corner.

00.00 Thence S. 00° 42' 45" W., (record S. 00° 43' W.) between sections 10 and 11.

19.905 (Record 19.91) at which point Intersect the S 1/16 corner of sections 10 and 11, which is evidenced by an aluminum post projecting 8 ins. above the ground surrounded by a mound of stone, with aluminum cap mkd.:



from which an old bearing tree:  
 A Juniper, 6 ins. diam., bears S. 85° E., 177 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

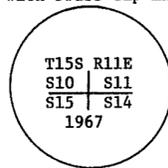
This corner was monumented in 1979 by Alpha Land Surveying Co. of Clouderoft, N.M.

An iron pipe, 2 1/2 ins. diam. projecting 5 ins. above the ground bears N. 82° W., 49 lks. dist., mkd. on side: S 1/16 S10 + S11.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside of corner.

Continue S. 00° 42' 45" W.

39.81 (Record 39.82) at which point Intersect the corner of sections 10, 11, 14 and 15, evidenced by a standard BLM iron post projecting 7 ins. above the ground, with brass cap mkd.:



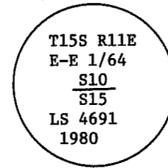
from which the old bearing trees:

A Juniper, 8 ins. diam., bears N. 58 3/4° E., 48 lks. dist., (record) mkd. S11 BT. Attach F.S. sign 54-3.  
 A Juniper, 8 ins. diam., bears S. 14° W., 83 lks. dist., (record) mkd. T15S R11E S15 BT. Attach F.S. sign 54-3.  
 A Juniper, 7 ins. diam., bears N. 54 3/4° W., 21 lks. dist., (record) mkd. S10 BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. signs 54-2 and 54-4 attached alongside of corner.

00.00 Thence N. 89° 52' 30" W., (record S. 89° 57' W.) between sections 10 and 15.

10.061 Proportional distance, at which point Set an aluminum post, 30 ins. long, 22 ins. in the ground over broken clear glass, with cap mkd.:



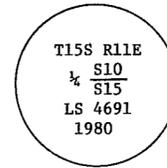
from which a new bearing tree:  
 A Juniper, 8 ins. diam., bears N. 34° E., 75 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

A fence corner bears East, 6 lks. dist., from which a b.w. fence extends North, South and East.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside of corner.

Continue N. 89° 52' 30" W., between sections 10 and 15.

40.244 (Record 39.81) proportional distance, at which point Set an aluminum post, 30 ins. long, 26 ins. in the ground, with cap mkd.:



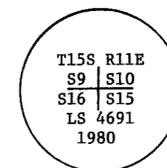
from which the new bearing trees:  
 A Pinon, 6 ins. diam., bears S. 17° E., 113 lks. dist., mkd. S15 BT. Attach F.S. sign 54-3.  
 A Juniper, 15 ins. diam., bears N. 30° W., 29 lks. dist., mkd. S10 BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside of corner.

Continue N. 89° 52' 30" W., between sections 10 and 15.

80.486 (Record 79.63) at which point Intersect the corner of sections 9, 10, 15 and 16 as evidenced by a limestone measuring 5 x 6 x 14 ins. mkd. with 3 grooves on a side and 4 grooves on an adjoining side, found lying near a fence corner from which a barbed wire fence extends South and East. Accept fence corner as best available evidence of original location of marked stone. At the fence corner,

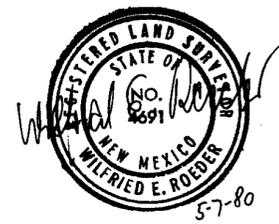
Set an aluminum post, 30 ins. long, 24 ins. in the ground, with cap mkd.:



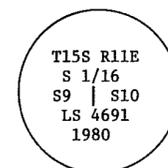
from which a new bearing tree:  
 A Juniper, 10 ins. diam., bears S. 41° E., 248 1/2 lks. dist., mkd. S15 BT. Attach F.S. sign 54-3.

The South-East corner of a house bears S. 71° W., 309 lks. dist.

00.00 Thence N. 00° 15' 45" W., (record: North) between sections 9 and 10.



19.935 Proportional distance, at which point Set an aluminum post, 30 ins. long, 24 ins. in the ground, with cap mkd.:



No suitable trees available.

Forest Service Sign Designation:

- 54-2 = Property Boundary
- 54-3 = Bearing Tree
- 54-4 = Attention
- 54-9 = Land Survey Monument

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

RECORD OF SURVEY

W.P.R.

# RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 10, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

A fence corner bears N. 41° E., 88 lks. dist., from which a b.w. fence extends East, West and North.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside of corner.

Continue N. 00° 15' 45" W., between sections 9 and 10.

39.870 (Record: 40.00) proportional distance, at which point, Set an aluminum post, 30 ins. long, 27 ins. in the ground, with cap mkd.:

T15S R11E  
¼  
S9 | S10  
LS 4691  
1980

No trees available.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside.

Continue N. 00° 15' 45" W., between sections 9 and 10.

42.65 At which point, Intersect a BLM iron post projecting 7 ins. above the ground, with brass cap mkd.:

T15S R11E  
WC  
¼  
S9 | S10  
1972

No bearing trees.

The 1972 BLM record indicates that this corner was set 278 lks. North of the point for ¼ corner.

Continue N. 00° 15' 45" W., between sections 9 and 10.

79.740 (Record: 80.00) at which point, Intersect the corner of sections 3, 4, 9 and 10 as evidenced by a standard BLM iron post projecting 12 ins. above the ground, with brass cap mkd.:

T15S R11E  
S4 | S3  
S9 | S10  
1967

from which the old bearing trees:  
A Juniper, 6 ins. diam., bears S. 76 3/4° E., 26 lks. dist., (1967 BLM record) mkd. T15S R11E S10 BT. Attach F.S. sign 54-3.  
A Juniper, 11 ins. diam., bears N. 42 1/2° W., 34 lks. dist., (1967 BLM record) mkd. S4 BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. sign 54-4 attached alongside of corner.

00.00 Thence S. 89° 54' 30" E., (1967 BLM record S. 89° 54' E.) between sections 3 and 10.

40.235 (1967 BLM record 39.80) at which point, Intersect the ¼ section corner of sections 3 and 10 as evidenced by a standard BLM iron post projecting 7 ins. above the ground, with brass cap mkd.:

T15S R11E  
¼ S3  
S10  
1967

from which the old bearing trees:  
A Juniper, 9 ins. diam., bears N. 54 1/2° E., 71 lks. dist., (1967 BLM record) mkd. ¼ S3 BT. Attach F.S. sign 54-3.  
A Juniper, 6 ins. diam., bears S. 33 3/4° E., 61 lks. dist., (1967 BLM record) mkd. ¼ S10 BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. sign 54-4 attached alongside of corner.

00.00 Thence S. 00° 15' 45" E. Along the meridional centerline of section 10.

39.923 Intersect the latitudinal centerline of section 10 at which point, Set an aluminum post, 30 ins. long, 5 ins. in the ground on bedrock, surrounded by a mound of stone 3 ft. at the base and 2 ft. high, with brass cap mkd.:

T15S R11E  
C ¼  
S10  
LS 4691  
1980

from which the new bearing trees:  
A Juniper, 5 ins. diam., bears S. 28° W., 51 lks. dist., mkd. X BT. Attach F.S. sign 54-3.  
A Juniper, 7 ins. diam., bears S. 74° W., 77 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. sign 54-2 and 54-9 attached 2 1/2 ft. East of corner.

Continue S. 00° 15' 45" E., along the meridional centerline of section 10.

59.843 Proportional distance, at which point Set a brass tablet cemented in a drill hole in outcropping bedrock, mkd.:

T15S R11E  
C-S 1/16  
S10  
LS 4691  
1980

No bearing trees available.

Continue S. 00° 15' 45" E., along meridional centerline of section 10.

79.763 At which point Intersect the ¼ section corner of sections 10 and 15, previously described.

Return to the C-S 1/16 corner of section 10, previously described.

00.00 Thence N. 89° 51' 15" W., along the latitudinal centerline of the SW ¼ of section 10.

40.241 At which point Intersect the S 1/16 corner of sections 9 and 10, previously described.

Return to the ¼ section corner of sections 9 and 10, previously described.

00.00 Thence S. 89° 50' 00" E., along the latitudinal centerline of section 10.

40.239 At which point Intersect the C ¼ corner perviously described.

Continue S. 89° 50' 00" E.

60.699 Point for C-E 1/16 corner, not monumented.

81.159 At which point Intersect the ¼ corner of sections 10 and 11, previously described.

Return to the S 1/16 corner of sections 10 and 11, previously described.

00.00 Thence N. 89° 51' 15" W., computed bearing.

10.145 Computed distance, at which point Set an aluminum post, 30 ins. long 24 ins. in the ground, with cap mkd.:

T15S R11E  
C-E SE 1/64  
S10  
LS 4691  
1980

from which the new bearing trees:  
A Pinon, 12 ins. diam., bears S. 20° E., 57 lks. dist., mkd. XBT. Attach F.S. sign 54-3.  
A Pinon, 11 ins. diam., bears S. 85° E., 34 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Drive a steel post with F.S. signs 54-2 and 54-9 attached alongside of corner.

00.00 Thence S. 00° 28' 00" W., Along the meridional centerline of the SE ¼ of the SE ¼ of section 10.

19.910 At which point Intersect the E-E 1/64 corner of sections 10 and 15 previously described.



STATE OF NEW MEXICO  
OTERO COUNTY  
FILED FOR RECORD IN MY OFFICE  
this day of May 1980  
at the County Clerk's Office  
in Book No. 26, Page 21 of  
the records of Otero County, New Mexico  
W. E. Roeder  
Surveyor

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

RECORD OF SURVEY  
W.E.R.