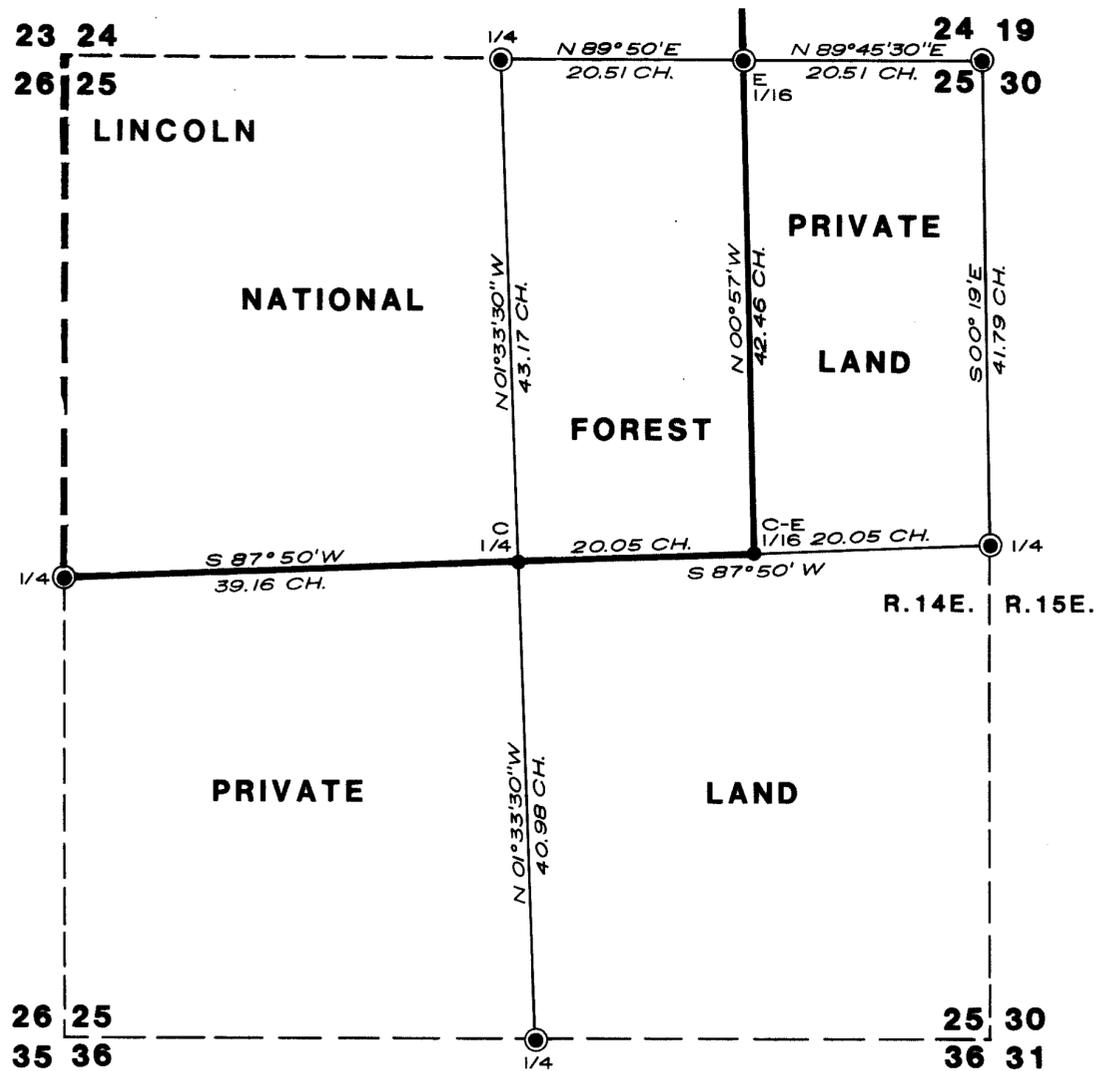


# SURVEY, PARTIAL SUBDIVISION AND MONUMENTATION OF THE N.E. 1/4 OF SECTION 25, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINE SITUATED IN T.17S., R.14E., NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO



This plat represents a record of the survey, partial subdivision and monumentation of the NE 1/4 of section 25, T17S, R14E, 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 T17S, R14E was made by Samuel R. Biggs, U. S. Deputy Surveyor, in 1884. A dependent resurvey was made in 1941 by A. Parker Warner, Cadastral Surveyor of the U.S. General Land Office and is a record of the Bureau of Land Management, Santa Fe, New Mexico.

This survey, partial subdivision, monumentation and record thereof is for the purpose of identifying and perpetuating the evidence of the previous official surveys, was made at the request of the Supervisor, Lincoln National Forest, and is intended for his exclusive use.

I certify that this survey, partial subdivision, monumentation and record thereof was made by me or my assistants under my supervisory direction in January, 1979 and that same is true and correct to the best of my knowledge.

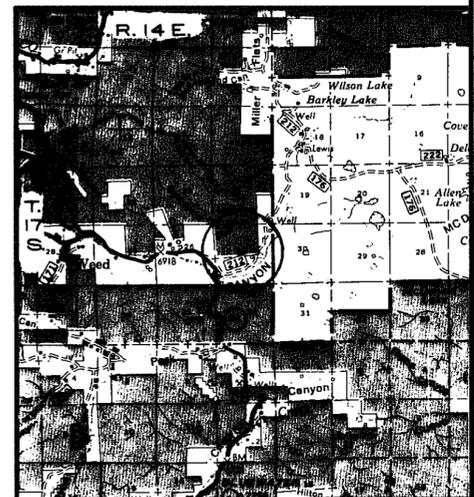
W. E. Roeder, Land Surveyor, Lincoln National Forest, Alamogordo, New Mexico.

Assistants:

- Juan A. Romero, Chief of Party
- M. Renteria, Instrument Man
- D. Lunceford, Aide
- R. Esquero, Aide
- B. Stankus, Aide

### LEGEND

- MONUMENT ESTABLISHED THIS SURVEY.....●
- FOUND G.L.O. BRASS CAP OR B.L.M. BRASS CAP.....●
- NATIONAL FOREST BOUNDARY.....
- CONSTRUCTION LINES.....
- ORIGINAL SURVEY LINE NOT INCLUDED IN THIS SURVEY.....
- PROJECTED NATIONAL FOREST BOUNDARY.....



NOTE :  
ALL DISTANCES IN CHAINS.

NOTE :  
AZIMUTH DETERMINED BY SOLAR OBSERVATION.

NOTE :  
DISTANCES MEASURED BY ELECTRONIC MEASURING DEVICES.



Bk 25 Pg 1

SHEET 1 OF 3



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FOREST SERVICE  
SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO

RECORD OF SURVEY

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# SURVEY, PARTIAL SUBDIVISION AND MONUMENTATION OF THE N.E. 1/4 OF SECTION 25, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINE

This survey was executed in accordance with the specifications set forth in the BLM "Manual of Surveying Instructions, 1973" using a 20 second repeating theodolite and electronic distance measuring equipment. Distances were measured on the slope in feet and hundreds and converted to chains and links. The direction of lines were determined by angular measurement from an initial azimuth obtained by direct solar observation at the 1/4 section corner of sections 25 and 26.

Forest Service Sign Designation:

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

Chains

Commence this survey at the 1/4 section corner of sections 25 and 26, evidenced by a standard GLO iron post, projecting 12 ins. above the ground in a mound of stone, with brass cap mkd:



Find no traces of official bearing trees.

A spurious bearing tree:

A Pinon, 12 ins. diam., bears N. 66° E., 125 lks. dist., scribing visible but not legible.

from which new bearing tree:

An Alligator Juniper, 5 ins. diam., bears N. 40° W., 31 lks. dist., mkd. X BT.

A Pinon, 5 ins. diam., bears S. 47° E., 98 lks. dist., mkd. X BT.

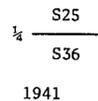
Attach F.S. sign 54-3 to all bearing trees.

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

Corner is at a fence corner, from which a barbed wire fence extends north and east.

Observe sun and compute bearing.

Thence along a traverse to the 1/4 section corner of sections 25 and 36, evidenced by a standard GLO iron post, projecting 12 ins. above the ground in a mound of stone, with brass cap mkd:



from which old bearing tree:

A Ponderosa Pine, 7 ins. diam., bears N. 38° 45' W., 25 lks. dist. (Record).

from which new bearing tree:

A Juniper, 6 ins. diam., bears S. 23° E., 28 lks. dist., mkd. X BT.

Attach standard F.S. sign 54-3 to all bearing trees.

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

Chains

00.00 Thence  
N. 01° 33' 30" W. along the meridional centerline of section 25.

40.98 At which point  
Intersect the latitudinal centerline of section 25, marked by an old 3/4 ins. rebar alongside a stone meas. 6X2X27 ins. mkd. FS C $\frac{1}{4}$  on southside. In place of mkd. stone,

Set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 16 ins. into the ground, with aluminum cap mkd:

T17S R14E  
 C $\frac{1}{4}$  S25  
 LS 4691  
 1979

from which new bearing trees:

A Pinon, 10 ins. diam., bears N. 05° E., 132 lks. dist., mkd. C $\frac{1}{4}$  S25 BT.

A Juniper, 4 ins. diam., bears N. 80° W., 70 lks. dist., mkd. X BT.

Attach F.S. sign 54-3 to all bearing trees.

Bury marked stone alongside of aluminum post and drive a steel post with F.S. signs 54-2 and 54-9 attached alongside.

Corner is 21 ft. west of a barbed wire fence line extending north and south.

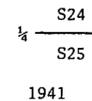
Continue along meridional centerline

N. 01° 33' 30" W.

84.15

At which point

Intersect the 1/4 section corner of sections 24 and 25, evidenced by a standard GLO iron post, projecting 14 ins. above the ground in a mound of stone, with brass cap mkd.



from which an old bearing tree:

A Pinon, 6 ins. diam., dead and down, bears N. 85° E., 39 lks. dist., (Record) mkd. 1/4 S24 BT.

from which new bearing trees:

An Alligator Juniper, 5 ins. diam., bears N. 50° W., 47 1/2 lks. dist., mkd. X BT.

An Alligator Juniper, 8 ins. diam., bears S. 10° W., 61 lks. dist., mkd. X BT.

Attach F.S. sign 54-3 to all bearing trees.

00.00

Thence

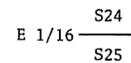
N. 89° 50' E. (Record = N. 89° 39' E.)

Between sections 24 and 25

20.51

(Record) at which point

Intersect the E 1/16 corner of sections 24 and 25, evidenced by a standard GLO iron post, projecting 18 ins. above the ground in a mound of stone 4 ft. at the base and 1 1/2 ft. high with brass cap mkd:



1941

Bk 25 Pg 2



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Chains

Found the remains of the official bearing trees dead, down and removed from their original position of which there is no longer any evidence.

from which new bearing trees:

An Alligator Juniper, 6 ins. diam., bears S. 07° W., 85 lks. dist., mkd X BT.

A Juniper, 5 ins. diam., bears W., 96 lks. dist., mkd. X BT.

Attach F.S. sign 54-3 to all bearing trees.

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

00.00

Thence

N. 89° 45' 30" E. ( Record= N. 89° 39' E. )

Between sections 24 and 25

20.51

(Record) at which point

Intersect the corner of sections 19, 24, 25 and 30, evidenced by a standard GLO iron post, projecting 11 ins. above the ground with brass cap mkd:

|      |      |
|------|------|
| T17S |      |
| R14E | R15E |
| S24  | S19  |
| S25  | S30  |
| 1941 |      |

from which old bearing trees:

A Ponderosa Pine, 24 ins. diam., bears S. 58° 15' W., 223 lks. dist. (record) mkd. T17S R14E S25 BT.

A Ponderosa Pine, 30 ins. diam., bears N. 47° E., (Record = N. 55° E.) 245 lks. dist. (Record) with an almost closed blaze, scribe visible.

Attach F.S. sign 54-3 to both bearing trees.

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

Corner is 85 ft. south of Aqua Chiquita Creek.

00.00

Thence

S. 00° 19' E. (Record = S. 00° 09' E.)

Between ranges 14 E. and 15 E.

41.79

(Record) at which point

Intersect the 1/4 section corner of sections 25 and 30 evidenced by a standard GLO iron post, projecting 20 ins. above the ground in a mound of stone 3 ft. base and 1 1/2 ft. high, with brass cap mkd:

|      |     |
|------|-----|
| 1/4  |     |
| S25  | S30 |
| 1941 |     |

from which old bearing trees:

A Pinon, 5 ins. diam., dead and down, bears N. 30° 30' W., 14 lks. dist., (Record) mkd. but not legible.

A Pinon stump, 5 ins. diam., 3 ft. long, uprooted, mkd. 1/4 S30 BT. found alongside of corner post, place where tree stood not found.

from which new bearing trees:

Chains

A Pinon, 6 ins. diam., bears S. 60° W., 81 lks. dist., mkd. X BT.

A Pinon, 6 ins. diam., bears S. 48° E., 113 lks. dist., mkd. X BT.

Attach F.S. sign 54-3 to all bearing trees.

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

The corner is located 1 ft. north of fence corner from which a barbed wire fence extends east west and south.

00.00

Thence

S. 87° 50' W., along the latitudinal centerline of section 25.

20.05

Proportional distance, at which point

Set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 24 ins. in the ground, with aluminum cap mkd:

|         |      |
|---------|------|
| T17S    | R14E |
| SEC 25  |      |
| CE 1/16 |      |
| LS 4691 |      |
| 1979    |      |

from which a new bearing tree:

A Juniper, 12 ins. diam., bears N. 85° W., 326 lks. dist., mkd. X BT. Attach F.S. sign 54-3

No other bearing tree near.

A fence corner bears N. 37° W., 92 lks. dist., from which a barbed wire fence extends east, west and south.

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

Continue S. 87° 50' W.

40.10

At which point

Intersect the C1/4 corner of section 25, previously described.

Continue S. 87° 50' W.

79.26

At which point

Intersect the 1/4 section corner of sections 25 and 26 previously described, from which the survey began.

STATE OF NEW MEXICO  
 OTERO COUNTY  
 FILED FOR RECORD IN ANY OFFICE  
 This 29 day of March 1979  
 At 2:35 P.M. and duly recorded  
 in Book No. 25 Page 13  
 the records of Otero County, New Mexico  
 by *Margaret J. Sanchez*  
 County Clerk, Otero County, New Mexico  
 by *Katie A. Sanchez*



41330



U.S. Department of Agriculture

FOREST SERVICE

SOUTHWESTERN REGION, ALBUQUERQUE, NEW MEXICO

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