

# RETRACEMENT, SUBDIVISION, AND MONUMENTATION OF SECTION 30, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINE SITUATED IN T.15S., R.11E., NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

CERTIFICATION

This plat constitutes a record of the retracement survey, subdivision and monumentation of section 30, T15S, R11E, NMPM, Otero County, New Mexico, which constitutes a portion of the property boundaries of the Lincoln National Forest.

The original survey of section 30 was made by John Shaw, US Deputy Surveyor in July 1884. The north boundary of section 30 was re-surveyed by Duane E. Olsen, Supervisory Cadastral Surveyor of the Bureau of Land Management in 1972 and is on record in Santa Fe.

This retracement survey, subdivision, monumentation and record thereof is for the purpose of identifying and perpetuating the evidence of the original survey, was made as a result of 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 assistant 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:

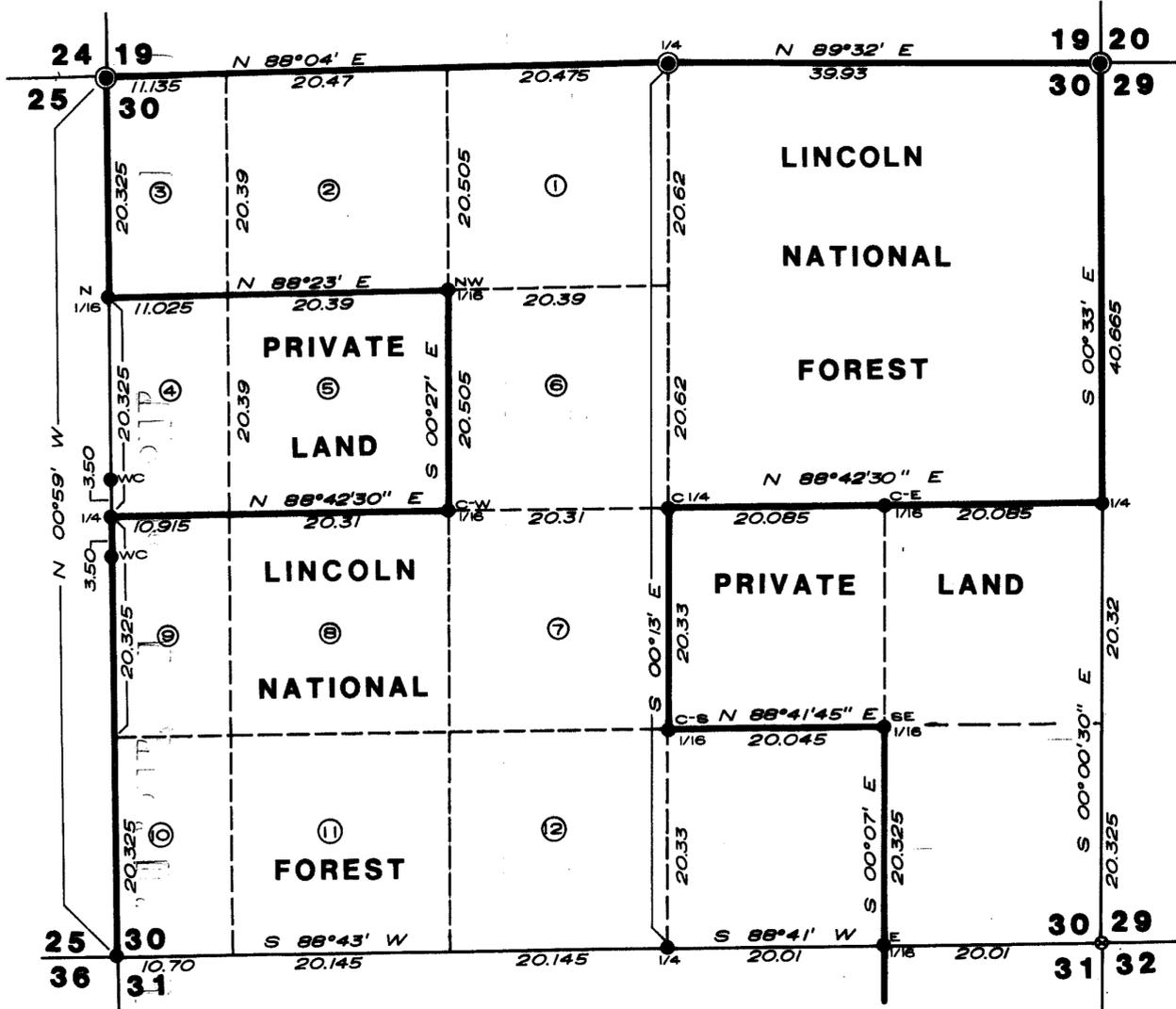
This survey was executed in accordance with the instructions set forth in the BLM "Manual of Instructions for the Survey of the Public Lands of the United States - 1973" using a 1 second direction theodolite and electronic distance measuring equipment. The direction of lines was determined by angular measurement from an initial bearing obtained by direct solar observation at the N 1/16 corner of sections 25 and 30.

Distances were measured on the slope in feet and converted by vertical angle measurement to horizontal chains and links 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 base and Forest Service cap. "Record" refers to the original survey of 1884.

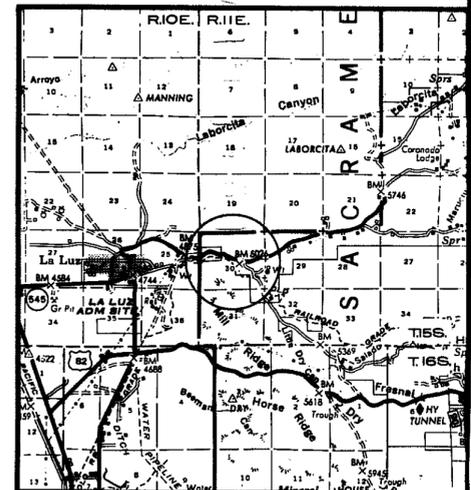


LEGEND

- CORNER REMONUMENTED OR MONUMENTED .....
- FOUND G.L.O. BRASS CAP OR B.L.M. BRASS CAP .....
- NATIONAL FOREST BOUNDARY .....
- FOUND EVIDENCE BELIEVED ACCEPTABLE .....
- PORTION OF SURVEY .....
- ORIGINAL SURVEY LINE NOT INCLUDED IN THIS SURVEY .....



NOTE:  
AZIMUTH DETERMINED BY SOLAR OBSERVATION.  
ALL DISTANCES IN CHAINS.



# RETRACEMENT, SUBDIVISION AND MONUMENTATION OF SECTION 30, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINE

CORNER OF SECTIONS 19, 24, 25 AND 30

Evidenced by a BLM iron post, proj. 6 ins. above ground, firmly set, with brass cap mkd:

T15S  
 R10E R11E  
 S 24 | S 19  
 S 25 | S 30  
 1972

No bearing trees available. Steel post with US FS sign 54-4 alongside. A fence corner bears N 36° E, 332 lks. dist., from which a barbed wire fence extends south and east.

¼ SECTION CORNER OF SECTIONS 19 AND 30

Evidenced by a BLM iron post firmly set, proj. 12 ins. above ground, surrounded by mound of stone 2 ft. base, to top of brass cap mkd:

T15S R11E  
 S 19  
 ¼ S 30  
 1972

No bearing trees available. Steel post with US FS signs 54-2 and 54-4 attached 2 ft. west of corner. Corner is 62 lks. south of a barbed wire fence line extending east and west.

CORNER OF SECTIONS 19, 20, 19 AND 30

Evidenced by a BLM iron post firmly set, proj. 7 ins. above ground with brass cap mkd:

T15S R11E  
 S 19 | S 20  
 S 30 | S 29  
 1972

No bearing trees available. A steel post with US FS signs 54-2 and 54-4 attached alongside. Corner is alongside a wooden fence corner post from which a barbed wire fence extends south, east and west.

N 1/16 CORNER OF SECTIONS 25 AND 30

Set an aluminum post, 30 ins. long, 22 ins. in the ground, with cap mkd:

T15S  
 R10E R11E  
 N 1/16  
 S 25 | S 30  
 LS 4691  
 1983

No bearing trees available. Drive a steel post with US FS signs 54-2 and 54-9 attached alongside.

NW 1/16 CORNER OF SECTION 30

Set an aluminum post, 30 ins. long, 22 ins. in ground, with cap mkd:

T15S R11E  
 S 30  
 NW 1/16  
 LS 4691  
 1983

No bearing trees available. Build a mound of stone 2 ft. base to top of cap and drive a steel post with US FS signs 54-2 and 54-9 attached alongside.

**Forest Service Sign Designation:**

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

¼ SECTION CORNER OF SECTIONS 25 AND 30

Find no evidence of orig. stone, believed destroyed by flood waters of La Luz Canyon. Establish point by proportionate measurement. Set an aluminum post, 30 ins. long, 14 ins. in the ground, with cap mkd:

T15S  
 R10E R11E  
 ¼  
 S 25 | S 30  
 LS 4691  
 1983

Build a mound of stone 2 ft. base around the corner post to top of cap. Drive a steel post with US FS signs 54-2 and 54-9 attached alongside.

Corner falls in La Luz Canyon in unstable creek bed. Establish 2 witness corners as follows:

On section line 3.50 chs. south of ¼ section corner, set an aluminum post, 30 ins. long, 24 ins. in ground with cap mkd:

WC  
 T15S  
 R10E R11E  
 ¼  
 S 25 | S 30  
 LS 4691  
 1983

A telephone pole bears N 35° E, 7½ lks. dist. Corner is on south edge of service road of La Luz Canyon water line.

On section line 3.50 chs. north of ¼ section corner, set an aluminum post, 30 ins. long, 24 ins. in ground, with cap mkd:

WC  
 T15S  
 R10E R11E  
 ¼  
 S 25 | S 30  
 LS 4691  
 1983

Corner is 20 ft. south of the northern Right of Way fence of State Road # 545.

CW 1/16 CORNER OF SECTION 30

Set an aluminum post 30 ins. long, 12 ins. in ground on bedrock, with cap marked:

T15S R11E  
 S 30  
 CW 1/16  
 LS 4691  
 1983

No bearing trees available. Drive a steel post with FS signs 54-2 and 54-9 attached alongside. Build a mound of stone 3 ft. base around corner and steel post to top of cap.

C 1/4 CORNER OF SECTION 30

At the intersection of the latitudinal and meridional centerlines of section 30, set an aluminum post, 30 ins. long, 25 ins. in ground, with cap mkd:

T15S R11E  
 S 30  
 C ¼  
 LS 4691  
 1983

Drive a steel post with US FS signs 54-2 and 54-9 attached alongside. The north end of a 24 ins. pipe culvert bears S 30° E, 18 lks. dist. Corner is 36½ ft. north of centerline of State Road #545.



# RETRACEMENT, SUBDIVISION AND MONUMENTATION OF SECTION 30, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINE

CE 1/16 CORNER OF SECTION 30

Set an aluminum post, 30 ins. long, 25 ins. in ground, with cap mkd:

T15S R11E  
S 30  
CE 1/16  
LS 4691  
1983

No bearing trees available. Drive a steel post with US FS signs 54-2 and 54-9 attached alongside. A 1 in. galv. iron pipe, proj. 10 ins. above ground in a mound of stone bears north, 15 lks. dist. This point was established by Daniel Engineering Co. of Alamogordo in 1967.

¼ SECTION CORNER OF SECTIONS 29 AND 30

Evidenced by a sand-stone 5x5x12 ins., mkd. ¼, loose in mound of stone, a 1 in. diam., galv. iron pipe proj. 10 ins. alongside. In place of mkd. stone set an aluminum post, 30 ins. long, 22 ins. in ground, with cap mkd:

T15S R11E  
¼  
S 30 | S 29  
LS 4691  
1983

Drive a steel post with US FS signs 54-2 and 54-4 attached alongside. Bury mkd. stone alongside. No bearing trees available.

CS 1/16 CORNER OF SECTION 30

Set an aluminum post, 30 ins. long, 10 ins. in ground on bedrock, with cap mkd:

T15S R11E  
S 30  
CS 1/16  
LS 4691  
1983

Drive a steel post with US FS signs 54-2 and 54-9 attached alongside. No suitable bearing trees available. A 1 in. diam. galv. iron pipe proj. 8 ins. above ground in mound of stone bears N 5° W, 6 lks. dist. This point was established by Daniel Engineering Co. of Alamogordo in 1967.

CORNER OF SECTIONS 25, 30, 31 AND 36

Evidenced by a limestone meas. 8x8x18 ins. loosely set in old mound of stone, mkd. with 5 grooves on north and 1 groove on south face. In place of mkd. stone, set an aluminum post, 30 ins. long, 22 ins. in ground, with cap mkd:

T15S  
R10E R11E  
S 25 | S 30  
S 36 | S 31  
LS 4691  
1983

Bury mkd. stone alongside. Drive a steel post with US FS signs 54-2 and 54-4 attached alongside. Corner is 4 ft. west of a barbed wire fence line extending north and south.

¼ SECTION CORNER OF SECTIONS 30 AND 31

Evidenced by a 1 in. diam., galv. iron pipe proj. 12 ins., set in old mound of stone, no mkd. stone found. This point was used by Daniel Engineering Co. in 1967 and is harmoniously related to other corners in this area. Accept corner as best available evidence for orig. corner. In place of iron pipe set an aluminum post 30 ins. long, 12 ins. in ground on bedrock, with cap mkd:

T15 R11E  
¼  
S 30  
S 31  
LS 4691  
1983

Found a steel post with US FS sign 54-4 attached 2 ft. west of corner. Re-build stone mound 3 ft. base and 18 ins. high around aluminum post. No bearing trees available.

E 1/16 CORNER OF SECTIONS 30 AND 31

Evidenced by a 1 in. diam., galv. iron pipe proj. 10 ins. above ground established by Daniel Engineering Co. in 1967 and marking the mid point for the east ½ mile between sections 30 and 31. Alongside galv. iron pipe, set an aluminum post, 30 ins. long, 25 ins. in ground, with cap mkd:

T15S R11E  
E 1/16 S 30  
S 31  
LS 4691  
1983

Drive a steel post with US FS sign 54-2 and 54-9 attached alongside. No bearing trees available.

CORNER OF SECTIONS 29, 30, 31 AND 32

Evidenced by a limestone firmly set, proj. 3x8x10 ins. above ground, mkd. with 5 grooves on east and 1 groove on south faces, surrounded by old mound of stone 2 ft. base 1 ft. high. No bearing trees of record and none available. Found steel post with US FS sign 54-4 2 ft. northeast of mkd. stone.

Forest Service Sign Designation  
 54-2 = Property Boundary  
 54-3 = Bearing Tree  
 54-4 = Attention  
 54-9 = Land Survey Monument

STATE OF NEW MEXICO  
 OTERO COUNTY  
 FILED FOR RECORD IN MY OFFICE  
 This day of April 1983  
 at 7:15 o'clock PM and duly recorded  
 in Book No. 29 Page 41-43  
 the Clerks of Otero County, New Mexico  
*Kate A. Sanley*  
 County Clerk, Otero County, New Mexico  
*Delores J. McClure*  
 85361

