

RETRACEMENT, SUBDIVISION, AND MONUMENTATION
 OF SECTIONS 26, 27 & 34, A PORTION OF
 THE LINCOLN NATIONAL FOREST PROPERTY LINE
 SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

CERTIFICATION

This plat represents a record of the survey, subdivision and monumentation of sections 26, 27, and 34, T.18 S., R.14 E., NMPM, Otero County, New Mexico, which constitutes a portion of the property boundaries of Lincoln National Forest.

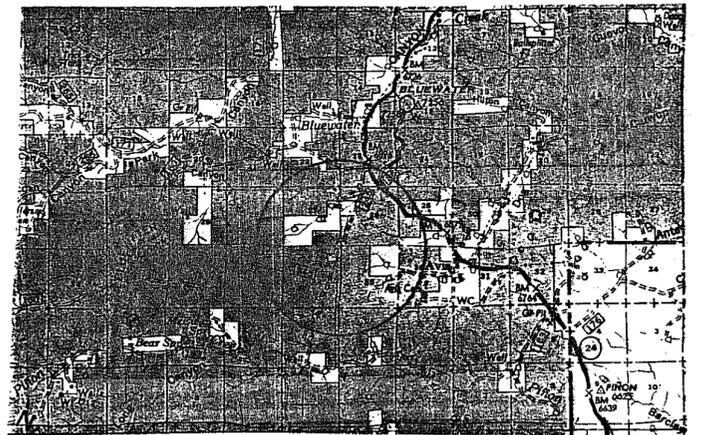
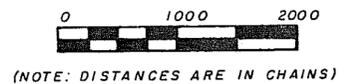
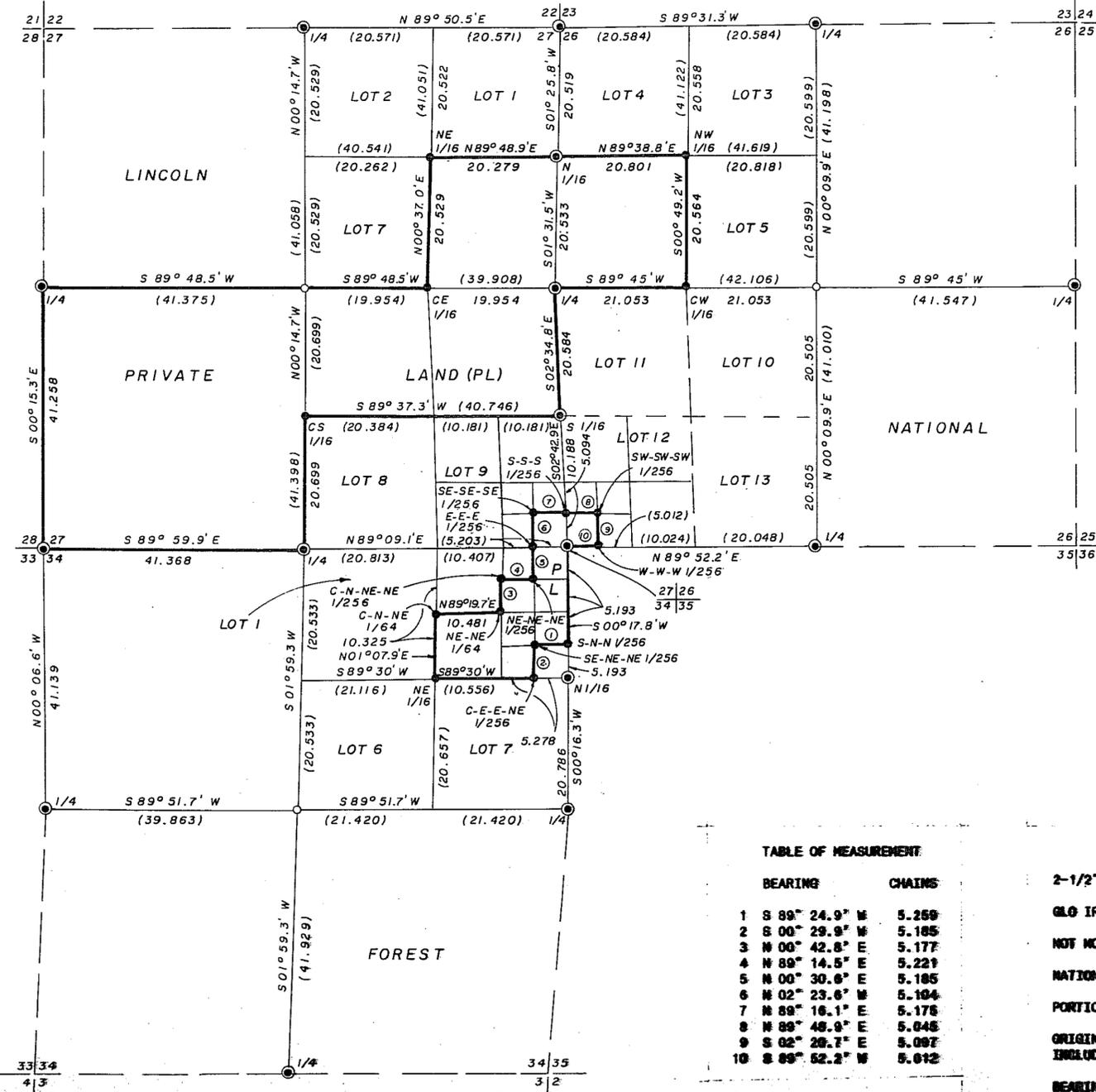
The original subdivision of T.18 S., R.14 E., was executed by Samuel R. Biggs, U.S. Deputy Surveyor in 1884. A Dependent Resurvey was made in 1941 by A. Parker Warner of the U.S. General Land Office and is an official record of the Bureau of Land Management in Santa Fe. (record) in the field notes of this survey refers to the 1941 GLO survey.

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

I certify that this survey, subdivision and monumentation was made by me or my assistants under my supervisory direction in September 1991, that it meets the Minimum Standards for Land Surveying in New Mexico, and that same is true and correct to the best of my knowledge.

Wilfried E. Roeder, Professional Surveyor, New Mexico Registration No. 4691, Lincoln National Forest, Alamogordo, New Mexico.

Wilfried E. Roeder 8/10/92
 Wilfried E. Roeder



LOCATION MAP

NOTE: THIS PLAT WAS PREPARED BY BURKE & ASSOCIATES FROM INFORMATION PROVIDED BY LINCOLN NATIONAL FOREST, USDA.

TABLE OF MEASUREMENT

BEARING	CHAINS
1 S 89° 24.9' W	5.259
2 S 00° 29.9' W	5.185
3 N 00° 42.8' E	5.177
4 N 89° 14.5' E	5.221
5 N 00° 30.0' E	5.185
6 N 02° 23.6' W	5.104
7 N 89° 16.1' E	5.178
8 N 89° 48.9' E	5.048
9 S 02° 28.7' E	5.097
10 S 89° 52.2' W	5.012

LEGEND

- 2-1/2" X 30" ALUMINUM POST
- GLO IRON POST
- NOT MONUMENTED
- NATIONAL FOREST BOUNDARY
- PORTION OF SURVEY
- ORIGINAL SURVEY LINE NOT INCLUDED IN THIS SURVEY
- BEARING FROM 1941 GLO SURVEY

BURKE & ASSOCIATES, P.C. CONSULTING ENGINEERS SURVEYORS 1908 CUBA AVENUE, SUITE 5 ALAMOGORDO, NEW MEXICO	SCALE: 1" = 1000'
	DATE: 7/18/92
	DRAWN BY: LTR
	CHECKED BY: NZ
	JOB NO: 92432
SHEET 1 OF 6	

**RETRACEMENT, SUBDIVISION, AND MONUMENTATION
OF SECTIONS 26, 27 & 34, A PORTION OF
THE LINCOLN NATIONAL FOREST PROPERTY LINE
SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO**

SURVEY OF SECTION 26

Commence this survey at the 1/4 section corner of sections 25 and 26, evidenced by a GLO iron post, firmly set, proj. 10 ins. above ground, with brass cap mkd:

1/4
S 25 | S 26
1941

from which old bearing trees,
A pinon, 8 ins. diam., bears S 83°30'E, 4 lks. dist.(record), mkd. 1/4 S25 BT.
A juniper, 14 ins. diam., bears S 39°30'W, 36 lks. dist.(record), blaze closed.

Thence:

S 89°45.0'W, along the latitudinal centerline of section 26,
41.547 chs., intersect the meridional centerline, not monumented.
62.600 chs., proportionate distance for CW 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in ground, with aluminum cap mkd.

T 18 S R 14 E
C W 1/16
S 26
LS 4691
1991

from which,
A ponderosa pine, 22 ins. diam., bears N 89°E, 103 1/2 lks. dist., mkd. X BT,
A ponderosa pine, 16 ins. diam., bears S 18°E, 69 1/2 lks. dist., mkd. X BT,
Build a mound of stone around corner post to top of cap.

Continue S 89°45.0'W,
83.653 chs., at which point,
Intersect the 1/4 section corner of sections 26 and 27, evidenced by a GLO iron post, firmly set, proj. 10 ins. above ground, with brass cap mkd:

1/4
S 27 | S 26
1941

from which an old bearing tree,
A pine, 8 ins. diam., bears N 82°45'E, 20 lks. dist., mkd. 1/4 S 26 BT (record)

Thence:

S 02°34.8'E, (record: 02°41'E), between sections 26 and 27,
20.584 chs. (record: 20.48) at which point,
Intersect the S 1/16 corner, evidenced by a GLO iron post, proj. 24 ins. above ground in a supporting mound of stone, with brass cap mkd:

S 1/16
S 27 | S 26
1941

from which old bearing trees,
A pine, 7 ins. diam., bears N 51°E, 17 lks. dist., mkd. S 1/16 S 26 BT (record)
A pine, 6 ins. diam., bears S 52°W, 16 lks. dist. (record), with a closed blaze

Thence:

S 02°42.9'E (record: S 02°41'E), between sections 26 and 27,
15.282 chs., proportionate dist. for S-S-S 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in ground, with aluminum cap mkd.

T 18 S R 14 E
S S S 1/256
S 27 | S 26
LS 4691
1991

Continue S 02°42.9'E
20.376 chs. (record 20.48) at which point,
Intersect the corner of sections 26, 27, 34, and 35, evidenced by a GLO iron post, firmly set, proj. 12 ins. above ground, with brass cap mkd:

T 18 S R 14 E
S 27 | S 26
S 34 | S 35
1941

from which old bearing trees,
A pine, 16 ins. diam., bears S 1°30'E, 65 lks. dist., mkd. T18S R14E S35 BT,
A pine, 21 ins. diam., bears S 83°W, 239 lks. dist., with a closed blaze,
A pine, 19 ins. diam., bears N 11°W, 108 lks. dist. (record: N 21°45'W), with a closed blaze.

Thence:

N 89°52.2'E, between sections 26 and 35,
5.012 chs., proportionate distance for W-W-W 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 13 ins. in ground, with aluminum cap mkd:

T 18 S R 14 E
W W W 1/256
S 26
S 35
LS 4691
1991

Continue N 89°52.2'E
40.096 chs. (record: 39.98), at which point,
Intersect the 1/4 section corner of sections 26 and 35, evidenced by a GLO iron post, firmly set, proj. 20 ins. above ground, with brass cap mkd.

S 26
1/4 S 35
1941

from which,
A pine, dead and down, 9 ins. diam., place where tree stood bears N 63°30'E, 64 lks. dist.(record), no scribe marks remaining,
A pine, dead and down, 6 ins. diam., place where tree stood bears S 61°36'W, 43 lks. dist.(record), mkd. 1/4 S.

Thence:

N 00°09.9'E, along the meridional centerline of section 26,
41.010 chs., intersect the latitudinal centerline, not monumented.
82.208 chs., at which point,
Intersect the 1/4 section corner of sections 23 and 26, evidenced by a GLO iron post, firmly set, proj. 20 ins. above ground, with brass cap mkd.

S 26
1/4 S 26
1941



BURKE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
SURVEYORS
1905 CUBA AVENUE, SUITE 5
ALAMOGORDO, NEW MEXICO

SCALE: 1" = 1000'
DATE: 7/16/92
DRAWN BY: LTR
CHECKED BY: MZ
JOB NO.: 92432
SHEET 2 OF 6

**RETRACEMENT, SUBDIVISION, AND MONUMENTATION
OF SECTIONS 26, 27 & 34, A PORTION OF
THE LINCOLN NATIONAL FOREST PROPERTY LINE
SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO**

from which,
the remains of a bearing tree, a pine stump, 8 ins. diam., bears N 48°E, 8 lks.
dist., blaze cut off.

Thence:
S 89°31.3'W, between sections 23 and 26,
41.168 chs. (record: 41.24), at which point,
Intersect the corner of sections 22, 23, 26, and 27, evidenced by a GLO iron
post, firmly set, proj. 14 ins. above ground, with brass cap mkd.

T 18 S R 14 E
S 22 | S 23
S 27 | S 26
1941

from which old bearing trees,
A juniper, 12 ins. diam., bears N 39°45'E, 43 lks. dist., mkd. T18S R14E S23 BT
A juniper, 12 ins. diam.; bears N 14°W, 23 lks. dist., mkd. T18S R14E S22 BT
A pinon, dead and down, 7 ins. diam., place where tree stood bears S 22°30'E,
59 lks. dist., mkd. T18S R14E S26 BT
A Pinon, dead and down, 6 ins. diam., place where tree stood bears S 60°15'W,
85 lks. dist., mkd. T18S R14E S27 BT
All distances and bearings agree with the official record.

Thence:
S 01°25.8'W (record: S 01°21'W), between sections 26 and 27,
20.519 chs. (record: 20.52), at which point,
Intersect the N1/16 corner, evidenced by a GLO iron post, firmly set, proj. 16
ins. above ground, with brass cap mkd.

N 1/16
S 27 | S 26
1941

from which,
A pine, dead and down, 8 ins. diam., place where tree stood bears S 31°30'E, 70
lks. dist. (record), no markings visible.
A pine, dead and down, 6 ins. diam., place where tree stood bears S 57°W, 53
lks. dist. (record), no markings visible.

Thence:
S 01°31.0'W, (record bearing which I use as basis for this survey), between
sections 26 and 27,
20.533 chs. (record 20.52), at which point,
Intersect the 1/4 section corner of sections 26 and 27, previously described.

Return to the N 1/16 corner of sections 26 and 27, previously described.

Thence:
N 89°38.8'E, computed bearing,
20.801 chs., computed distance for NW 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 27 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
NW 1/16
S 26
LS 4691
1991

Thence:
S 00°49.2'W,
20.564 chs., at which point,
Intersect the CW 1/16 corner, previously described.

Return to the S-S-S 1/256 corner previously described.

Thence:
N 89°48.8'E, computed bearing,
5.045 chs., computed distance for SW-SW-SW 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
SW SW SW
1/256 S 26
LS 4691
1991

Build a supporting mound of stone around the corner post to top of cap.

SURVEY OF SECTION 27

Return to the 1/4 section corner of sections 26 and 27, previously described.

Thence:
S 89°48.5'W, along the latitudinal centerline of section 27,
19.954 chains, proportionate distance for CE 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 23 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
C E 1/16
S 27
LS 4691
1991

Continue S 89°48.5'W
39.908 chs., intersect the meridional centerline of section 27, not monumented,
81.283 chs., at which point,
Intersect the 1/4 section corner of sections 27 and 28, evidenced by a GLO iron
post, firmly set, proj. 16 ins. above ground, with brass cap mkd.

1/4
S 28 | S 27
1941

from which old bearing trees,
A pine, dead and down, 8 ins. diam., place where tree stood bears S 81°45'E, 7
lks. dist. (record), mkd. 1/4 S27 BT.
A juniper, dead, bears S 68°30'W, 19 lks. dist. (record), blaze burned and
illegible.

Thence:
S 00°15.3'E (record: S 00°15'W), between section 27 and 28,
41.258 chs. (record: 41.27) at which point,
Intersect the corner of sections 27, 28, 33, and 34, evidenced by a GLO iron
post, firmly set, proj. 11 ins. above ground, with brass cap mkd.



BURKE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
SURVEYORS
1500 CUBA AVENUE, SUITE 8
ALBUQUERQUE, NEW MEXICO

SCALE: 1" = 400'
DATE: 2/16/82
DRAWN BY: LTB
CHECKED BY: E2
JOB NO.: 9243
SHEET: 3 OF 6

**RETRACEMENT, SUBDIVISION, AND MONUMENTATION
OF SECTIONS 26, 27 & 34, A PORTION OF
THE LINCOLN NATIONAL FOREST PROPERTY LINE
SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO**

T 18 S R 14 E
S 28 | S 27
S 33 | S 34
1941

official bearing trees destroyed by fire.

Thence:
S 89°59.9'E (record: N 89°49'E), between sections 27 and 34,
41.368 chs. (record: 41.49), at which point,
Intersect the 1/4 section corner of sections 27 and 34, evidenced by a GLO iron
post, firmly set, proj. 18 ins. above ground, with brass cap mkd.

S 27
1/4 S 34
1941

official bearing trees destroyed by fire.

Thence:
N 00°14.7'W, along the meridional centerline of section 27,
20.699 chs., proportionate distance for CS 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 23 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
C S 1/16
S 27
LS 4691
1991

Continue N 00°14.7'W,
41.398 chs., intersect the latitudinal centerline of section 27, not monumented
82.456 chs., at which point,
Intersect the 1/4 section corner of sections 22 and 27, evidenced by a GLO iron
post, firmly set, proj. 19 ins. above ground, with brass cap mkd.

S 22
1/4 S 27
1941

from which an old bearing tree,
A pinon, dead and down, 7 ins. diam., bears N 50°45'E, 42 lks. dist. (record),
mkd. 1/4 S22 BT.

Thence:
N 89°50.5'E (record: N 89°46'E), between sections 22 and 27,
41.142 chs (record: 41.12), at which point,
Intersect the corner of sections 22, 23, 26, and 27, previously described.

Return to the CE 1/16 corner of section 27, previously described.

Thence:
N 00°37.0'E, computed bearing,
20.529 chs, computed distance for NE 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 23 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
N E 1/16
S 27
LS 4691

Thence:
N 89°48.9'E,
20.279 chs., at which point,
Intersect the N 1/16 corner previously described.

Return to the CS 1/16 corner of section 27, previously described,
S 89°37.3'W,
40.746 chs., at which point,
Intersect the S 1/16 corner, previously described.

Return to the 1/4 section corner of sections 27 and 34, previously described,

N 89°09.1'E (record: N 89°01'E), between sections 27 and 34,
36.423 chs., proportionate distance for E-E-E 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
E E E 1/256
S 27
S 34
LS 4691
1991

from which,
the corner of sections 26, 27, 34, and 35 bears S 89 09.1'E, 5.203 chs. dist.

Thence:
N 02°23.6'W, computed bearing,
5.104 chs., computed distance for SE-SE-SE 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
SE SE SE 1/256
S 27
LS 4691
1991

Thence:
N 89°16.1'E,
5.175 chs., at which point,
Intersect the S-S-S 1/256 corner, previously described.

SURVEY OF SECTION 34

Return to the corner of sections 26, 27, 34, and 35, previously described.

Thence:

S 00°17.8'W (record: S 00°22'W), between sections 34 and 35,
15.579 chs., proportionate distance for S-N-N 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 19 ins. in ground, with
aluminum cap mkd.



BURKE & ASSOCIATES, P.C. CONSULTING ENGINEERS SURVEYORS 1805 CUBA AVENUE, SUITE B ALAMOGORDO, NEW MEXICO	SCALE	1"=1000'
	DATE	7/16/92
	DRAWN BY	ETB
	CHECKED BY	ETB
	JOB NO.	82432
		SHEET 4 OF 6

**RETRACEMENT, SUBDIVISION, AND MONUMENTATION
OF SECTIONS 26, 27 & 34, A PORTION OF
THE LINCOLN NATIONAL FOREST PROPERTY LINE
SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO**

T 18 S R 14 E
S N N 1/256
S 34 | S 35
LS 4691
1991

from which
A juniper, 6 ins diam., bears N 53°E, 18 lks. dist., mkd. X BT.

Continue S 00°17.8'W,
20.772 chs. (record: 20.815), at which point,
Intersect the N 1/16 corner of sections 34 and 35, evidenced by a GLO iron
post, firmly set, proj. 12 ins. above ground, with brass cap mkd.

N 1/16
S 34 | S 35
1941

Bearing trees destroyed by fire.

Thence:
S 00°16.3'W (record: S 00°22'W)
20.786 chs. (record: 20.815), at which point,
Intersect the 1/4 section corner of sections 34 and 35, evidenced by a GLO iron
post, firmly set, proj. 14 ins. above ground, with brass cap mkd.

1/4
S 34 | S 35
1941

Bearing trees destroyed by fire.

Thence:
S 89°51.7'W, along the latitudinal centerline of section 34.
42.840 chs., intersect the meridional centerline, not monumented.
82.703 chs., at which point,
Intersect the 1/4 section corner of sections 33 and 34, evidenced by a GLO iron
post, firmly set, proj. 11 ins. above ground, with brass cap mkd.

1/4
S 33 | S 34
1941

Bearing trees destroyed by fire.

Thence:
N 00°06.6'W (record: N 00°15'W), between sections 33 and 34,
41.139 chs. (record: 41.18), at which point,
Intersect the corner of sections 27, 28, 33, and 34, previously described.

Return to the 1/4 section corner of sections 27 and 34, previously described.

Thence:
S 01°59.3'W, along the meridional centerline of section 34,
41.066 chs., intersect the latitudinal centerline, not monumented,
82.990 chs., intersect the 1/4 section corner of sections 34 and 3, evidenced
by a GLO iron post, proj. 28 ins. above ground in supporting mound of stone,
with brass cap mkd.

S 34
1/4 S 3
1939

from which,
A pinon stump, 14 ins. diam., 5 ft high, bears S 48°30'E, 27 lks. dist. (record)
scribe marks illegible.
A detached portion of a pinon, 2 1/2 ft. long, 5 ins. diam., mkd. 1/4 S35 BT
found nearby.

Return to the S-N-N 1/256 corner of sections 34 and 35, previously described.

Thence:
S 89°24.9'W, computed bearing,
5.259 chs., computed distance for SE-NE-NE 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
SE NE NE
1/256 S 34
LS 4691
1991

Thence:
S 00°29.9'W, computed bearing,
5.185 chs., computed distance for C-E-E-NE 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
C E E NE
1/256 S 34
LS 4691
1991

from which,
A juniper, 5 ins. diam., bears N 84°E, 7 1/2 lks. dist., mkd. X BT.
Build a supporting mound of stone, 3 ft. base, around the corner post to top of
cap.

Thence:
S 89°30.0'W, computed bearing,
15.834 chs., computed distance for NE 1/16 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
NE 1/16
S 34
LS 4691
1991

Thence:
N 01°07.9'E, computed bearing,
10.325 chs., computed distance for C-N-NE 1/64 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
C N NE 1/64
S 34
LS 4691
1991



BURKE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
SURVEYORS
1909 CUBA AVENUE, SUITE 5
ALAMOGORDO, NEW MEXICO

SCALE: 1"=1000'
DATE: 7/16/92
DRAWN BY: LTR
CHECKED BY: KZ
JOB NO.: 92432
SHEET 5 OF 6

**RETRACEMENT, SUBDIVISION, AND MONUMENTATION
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THE LINCOLN NATIONAL FOREST PROPERTY LINE
SITUATED IN T18S, R14E, NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO**

from which,
A juniper, 5 ins. diam., bears N 41°E, 16 1/2 lks. dist., mkd. X BT.

Thence:
N 89°19.7'E, computed bearing,
10.481 chs., computed distance for NE-NE 1/64 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
NE NE 1/64
S 34
LS 4691
1991

Thence:
N 00°42.8'E, computed bearing,
5.177 chs., computed distance for C-N-NE-NE 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 11 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
C N NE NE
1/256 S 34
LS 4691
1991

from which,
A juniper, 9 ins. diam., bears S 47°W, 13 1/2 lks. dist., mkd. X BT.

Thence:
N 89°14.5'E, computed bearing,
5.221 chs., computed distance for NE-NE-NE 1/256 corner, at which point,
Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in ground, with
aluminum cap mkd.

T 18 S R 14 E
NE NE NE
1/256 S 34
LS 4691
1991

Thence:
N 00°30.6'E,
5.185 chs., at which point,
Intersect the E-E-E 1/256 corner of sections 27 and 34, previously described.

END OF SURVEY

STATE OF NEW MEXICO
S.S.
SOTERO COUNTY
FILED FOR RECORD IN MY OFFICE
THIS 10th Day of Aug 1992
1:13 P.M.
43 Page 41-46
W. E. Roeder

7276



BURKE & ASSOCIATES, P.C.
CONSULTING ENGINEERS
SURVEYORS
1909 CUBA AVENUE, SUITE 5
ALAMOGORDO, NEW MEXICO

SCALE: 1" = 1000'
DATE: 7/16/92
DRAWN BY: LTR
CHECKED BY: KZ
JOB NO.: 92 432
SHEET 6 OF 6