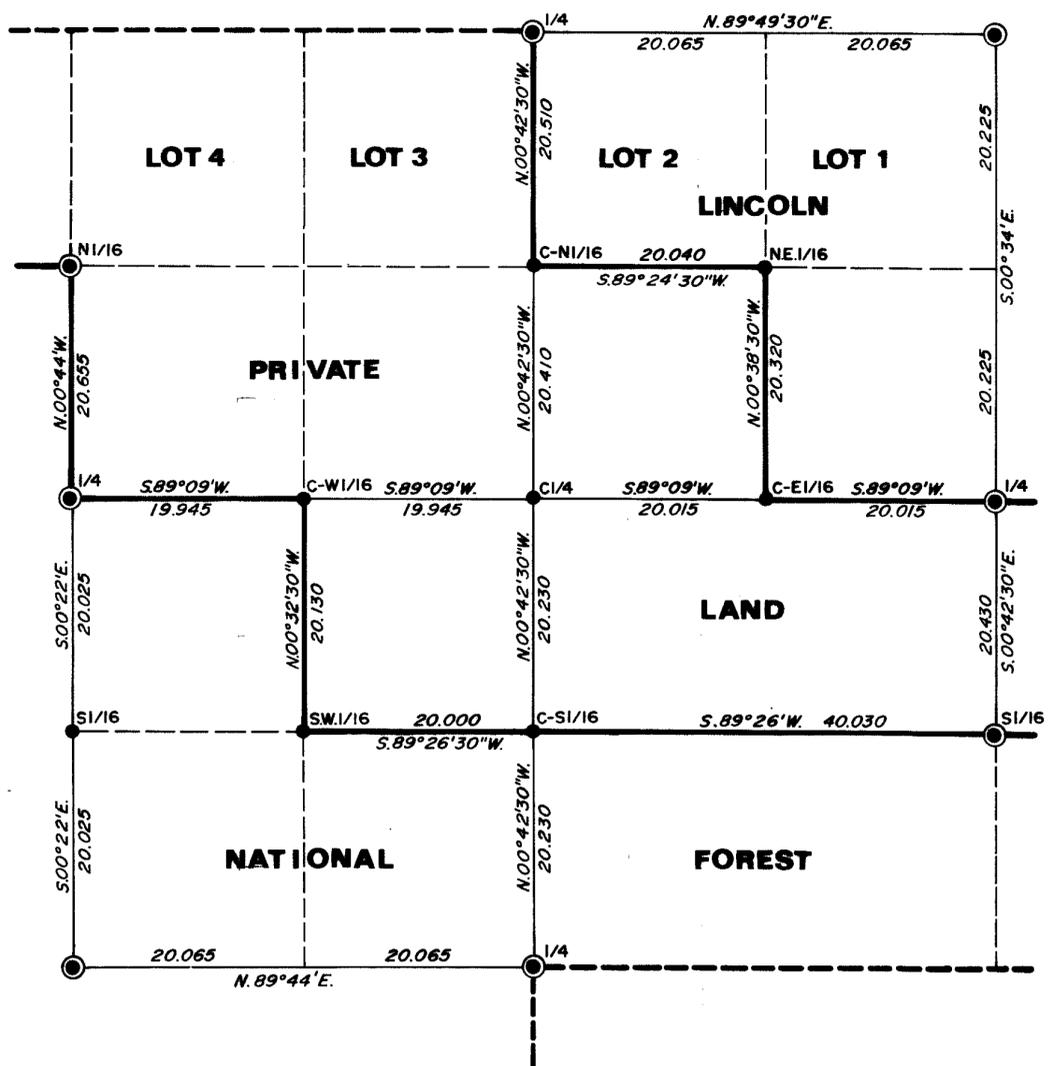


RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 1, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

SITUATED IN T.18 S., R.14 E., NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO



This plat represents a record of the retracement survey, subdivision and monumentation of Section 1, T. 18 S., R. 14 E., New Mexico Principal Meridian, Otero County, New Mexico, which constitutes a portion of the property boundary of the Lincoln National Forest. The original survey of T. 18 S., R. 14 E., was made by Samuel R. Biggs, U. S. Deputy Surveyor in 1884. A dependent resurvey was made by A. Parker Warner of the U.S. General Land Office in 1941 and is a record of the Bureau of Land Management in Santa Fe, New Mexico.

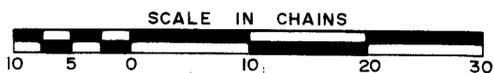
This retracement survey, subdivision, monumentation and record thereof is for the purpose of identifying and perpetuating the evidence of the previous official surveys, was made at the request of the Supervisor, Lincoln National Forest and is intended for his exclusive use.

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.

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

Survey Executed By: Juan A. Romero, Chief of Party

Assistants: D. Cordova YACC
 P. France YACC
 C. Schmidt YACC

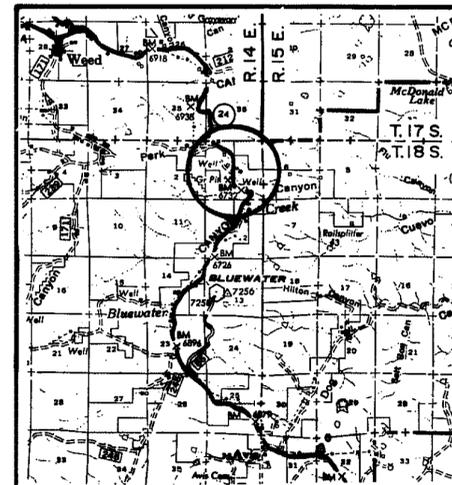


LEGEND

- 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..... - - - - -

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 20 second directional 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 by vertical angle measurement to horizontal chains and links. Only horizontal distances are shown on the plat.

All corners established as a result of this survey were monumented with an aluminum post, 2½ ins. diam., 30 ins. long, with magnetic base and Forest Service cap. "Record" refers to the official GLO survey of 1941.



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

RECORD OF SURVEY

WR

RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 1, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

Chains Commence this survey on July 2, 1980 at the $\frac{1}{4}$ section corner of sections 1 and 6, T. 18 S., R. 14 and 15 E., which is evidenced by a standard GLO iron post, proj. 20 ins. above ground, with brass cap mkd.:

$\frac{1}{4}$
 S1 | S6
 1941

from which old bearing trees:
 A pinon, 5 ins. diam., dead and standing, bears S. $54^{\circ} 15'$ E., 85 lks. dist., (record) mkd. $\frac{1}{4}$ S6 BT. Attach F.S. sign 54-3.
 A pinon, 12 ins. diam., dead and down, bears N. 4° W., 65 lks. dist., (record) mkd. $\frac{1}{4}$ S1 BT. Attach F.S. sign 54-3.

Mark a new bearing tree:
 A juniper, 14 ins. diam., bears N. 80° W., 55 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S1 BT. Attach F.S. sign 54-3.

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

Observe sun and compute bearing.

00.000 Thence
 S. $89^{\circ} 09'$ W.
 Along the latitudinal centerline of section 1.

20.015 Proportional distance, at which point
 Set an aluminum post, 30 ins. long, 23 ins. in the ground, with cap mkd.:

T18S R14E
 S1
 CE 1/16
 LS 4691
 1980

from which:
 A juniper, 6 ins. diam., bears S. 23° W., 24 lks. dist., mkd. X BT. Attach F.S. sign 54-3.
 A juniper, 5 ins. diam., bears N. 29° W., 77 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Build a collar of stone, 2 ft. at the base around the corner post and drive a steel post with F.S. signs 54-2 and 54-9 attached alongside.

Continue S. $89^{\circ} 09'$ W.

40.030 Intersect the meridional centerline of section 1 at which point,
 Set an aluminum post, 30 ins. long, 25 ins. in the ground with cap mkd.:

T18S R14E
 S1
 C $\frac{1}{2}$
 LS 4691
 1980

No trees near.

The North end of a galvanized drainage pipe, 20 ins. diam., bears S. 75° E., 16 lks. dist., pipe passing under State Hwy. #24.

Continue S. $89^{\circ} 09'$ W.

40.62 Cross centerline of State Hwy. #24.

59.975 Proportional distance, at which point
 Set an aluminum post, 30 ins. long, 17 ins. in the ground, with cap mkd.:

T18S R14E
 S1
 CW 1/16
 LS 4691
 1980

from which:
 A juniper, 9 ins. diam., bears S. 41° W., 55 $\frac{1}{2}$ lks. dist., mkd. X BT. Attach F.S. sign 54-3.
 A juniper, 7 ins. diam., bears S. 43° E., 88 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Build a collar of stone 2 ft. diam., around the corner post and drive a steel post with F.S. signs 54-2 and 54-9 attached alongside.

Continue S. $89^{\circ} 09'$ W.

79.920 At which point
 Intersect the $\frac{1}{4}$ section corner of sections 1 and 2, as evidenced by a standard GLO iron post, firmly set, proj. 15 ins. above ground, surrounded by a mound of stone, with brass cap mkd.:

$\frac{1}{4}$
 S2 | S1
 1941

from which old bearing trees:
 A pine, 8 ins. diam., bears N. $72^{\circ} 45'$ E., 32 lks. dist., (record) with a closed blaze. Attach F.S. sign 54-3.
 A pine, 10 ins. diam., bears S. $42^{\circ} 45'$ W., 56 lks. dist., (record) with a closed blaze. Attach F.S. sign 54-3.

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

00.000 Thence
 S. $00^{\circ} 22'$ E., (record: S. $0^{\circ} 23'$ E.)

Between sections 1 and 2.

20.025 (Record: 19.98) at which point
 Set an aluminum post, 30 ins. long, 8 ins. in the ground, with cap mkd.:

T18S R14E
 S 1/16
 S2 | S1
 LS 4691
 1980

from which:
 A juniper, 13 ins. diam., bears S. 75° E., 42 $\frac{1}{2}$ lks. dist., mkd. X BT. Attach F.S. sign 54-3.
 A pinon, 5 ins. diam., bears N. 71° W., 100 lks. dist., mkd. X BT. Attach F.S. sign 54-3.

Build a mound of stone 3 ft. at the base around the corner post to the top of the cap.

Drive a steel post with F.S. sign 54-9 attached alongside.

Continue S. $00^{\circ} 22'$ E.

40.050 (Record: 39.96) at which point
 Intersect the corner of sections 1, 2, 11 and 12 which is evidenced by a standard GLO iron post, firmly set, proj. 7 ins. above ground, with brass cap mkd.:

T18S R14E
 S2 | S1
 S11 | S12
 1941

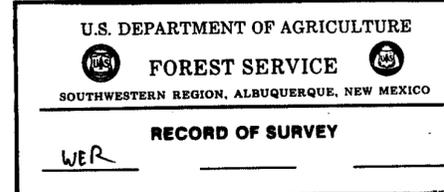
from which old bearing trees:
 A pine, 24 ins. diam., dead and standing, bears S. $1^{\circ} 30'$ W., 43 lks. dist., (record) mkd. T18S R14E S11 BT.
 A pine, 24 ins. diam., dead and down, bears S. 19° E., 52 lks. dist., (record) mkd. T18S R14E S12 BT.
 A pine, 30 ins. diam., bears N. $27^{\circ} 15'$ E., 82 lks. dist., (record) mkd. T18S R14E S1 BT.
 A pine, 16 ins. diam., dead and down, bears N. $28^{\circ} 45'$ W., 200 lks. dist., (record) markings visible but not legible.

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

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

FOREST SERVICE SIGN DESIGNATION

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



RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 1, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

00.000 Thence
 N. 89° 44' E., (record: N. 89° 45' E.)
 Between sections 1 and 12.

20.065 Proportional distance for W 1/16 corner, not
 monumented.
 Continue N. 89° 44' E.

40.130 (Record: 40.12) at which point
 Intersect the ¼ section corner of section 1 and
 12 which is evidenced by a standard GLO iron post,
 proj. 22 ins. above ground, with brass cap mkd.:

¼ S1
 S12
 1941

from which old bearing trees:
 A pinon, 4 ins. diam., bears S. 35° W.,
 (record: S. 29° 45' W.) 56 lks. dist.,
 (record) with an almost closed blaze,
 scribing visible.
 A pinon, 8 ins. diam., dead and down,
 bears N. 54° 15' E., 42 lks. dist., (record)
 mkd. ¼ S1 BT.

Mark a new bearing tree:
 A juniper, 5 ins. diam., bears N. 71° W.,
 70½ lks. dist., mkd. X BT. Attach F.S. signs
 54-3 to all bearing trees.

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

00.000 Thence
 N. 00° 42' 30" W.
 Along the meridional centerline of section 1.

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

T18S R14E
 S1
 CS 1/16
 LS 4691
 1980

from which:
 A pine, 13 ins. diam., bears S. 5° W.,
 99 lks. dist., mkd. X BT. Attach F.S.
 sign 54-3.
 A pine, 12 ins. diam., bears N. 60° W.,
 57½ lks. dist., mkd. X BT. Attach F.S.
 sign 54-3.

Build a mound of stone 3 ft. at the base, around
 the corner post to the top of the cap.

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

Continue N. 00° 42' 30" W.

40.460 At which point
 Intersect the C_x corner of section 1, previously
 described.
 Continue N. 00° 42' 30" W.

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

T18S R14E
 S1
 CN 1/16
 LS 4691
 1980

from which:

A juniper, 10 ins. diam., bears N. 60° E.,
 67 lks. dist., mkd. X BT. Attach F.S. sign
 54-3.
 A juniper, 7 ins. diam., bears N. 9° E.,
 93 lks. dist., mkd. X BT. Attach F. S. sign
 54-3.

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

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

Continue N. 00° 42' 30" W.

81.380 At which point
 Intersect the ¼ section corner of sections 1 and 36,
 as evidenced by a standard GLO iron post, firmly set,
 proj. 16 ins. above ground in a mound of stone, with
 cap mkd.:

¼ S36
 S1
 1941

from which old bearing trees:

A pinon, 12 ins. diam., bears S. 15° 15' W.,
 34 lks. dist., (record) mkd. ¼ S1 BT. Attach
 F.S. sign 54-3.
 A pinon, 8 ins. diam., bears N. 66° 45' E.,
 42 lks. dist., (record) mkd. ¼ S36 BT. Attach
 F.S. sign 54-3.

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

00.000 Thence
 N. 89° 49' 30" E., (record: N. 89° 48' E.)

Between sections 36 and 1.

20.065 Proportional distance, at the corner of lots 1 and
 2, not monumented.

Continue N. 89° 49' 30" E.

40.130 (Record: 40.16) at which point
 Intersect the corner Tps. 17 and 18 S., Rs.
 14 and 15 E., which is evidenced by a standard
 GLO iron post, proj. 14 ins. above ground, firmly
 set, with brass cap mkd.:

T17S	
R14E	R15E
S36	S31
S1	S6
T18S	
1941	

from which old bearing trees:

A pinon, 7 ins. diam., dead and down,
 bears S. 79° E., 45½ lks. dist., (record:
 N. 89° 15' E., 40 lks.) scribing visible but
 not legible.
 A pinon, 5 ins. diam., dead and standing,
 bears S. 12° 15' E., 12 lks. dist., (record)
 mkd. T18S R15E S6 BT.
 A juniper, 7 ins. diam., dead and standing,
 bears S. 48° W., 80 lks. dist., (record)
 mkd. T18S R14E S1 BT.
 A pinon log, 5 ins. diam., 2 ft. long,
 mkd. T17S R14E S36 BT was found NW of monument.

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

Corner monument is at a fence corner from which a
 barbed wire fence extends North, South and East.

00.000 Thence
 S. 00° 34' E., (record: S. 00° 35' E.)

Between ranges 14 and 15 East, along the East
 boundary of lot 1, section 1.

20.225 (Record: 20.18) proportional distance for N 1/16
 corner, not monumented.

Continue S. 00° 34' E.

Between sections 1 and 6.

40.450 (Record: 40.35) at which point
 Intersect the ¼ section corner of sections 1 and
 6, previously described.

00.000 Thence
 S. 00° 42' 30" E., (record: S. 00° 46' E.)

Between sections 1 and 6, ranges 14 and 15 East.

20.430 (Record: 20.415) at which point
 Intersect the S 1/16 corner of sections 1 and 6,
 which is evidenced by a standard GLO iron post,
 firmly set, proj. 13 ins. above ground, with brass
 cap mkd.:

S 1/16
 S1 | S6
 1941



RETRACEMENT SURVEY, SUBDIVISION AND MONUMENTATION OF SECTION 1, A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY LINES

from which old bearing trees:

A pine, 13 ins. diam., bears S. 39° E.,
 163 lks. dist., (record: S. 29° 30' E.,
 163 lks.) with an overgrown blaze. Attach
 F.S. sign 54-3.
 A pine, 12 ins. diam., bears S. 22° 45' W.,
 139 lks. dist., (record) with an overgrown
 blaze. Attach F.S. sign 54-3.

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

00.000 Thence
 S. 89° 26' W.

Along the latitudinal centerline of the SE ¼ of
 section 1.

40.030 At which point
 Intersect the C-S 1/16 corner, previously described.

00.000 Thence
 S. 89° 26' 30" W.

Along the latitudinal centerline of the SW ¼
 of section 1.

20.000 Intersect the meridional centerline of the SW ¼ at
 which point
 Set an aluminum post, 30 ins. long, 15 ins. in the
 ground, with aluminum cap mkd.:

T18S R14E
 S1
 SW 1/16
 LS 4691
 1980

from which:

A pinon, 6 ins. diam., bears N. 50° W.,
 38 lks. dist., mkd. X BT. Attach F.S. sign
 54-3.
 A pinon, forked, 5 ins. diam., bears N. 85° E.,
 40 lks. dist., mkd. X BT. Attach F.S. sign
 54-3.

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

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

00.000 Thence
 N. 00° 32' 30" W.

Along the meridional centerline of the SW ¼ of
 section 1.

20.130 At which point
 Intersect the C-W 1/16 corner, previously described.

Return to the C-E 1/16 corner, previously described.

00.000 Thence
 N. 00° 38' 30" W.

Along the meridional centerline of the NE ¼ of
 section 1.

20.320 Intersect the latitudinal centerline of the NE ¼
 at which point
 Set an aluminum post, 30 ins. long, 7 ins. in the
 ground, with cap mkd.:

T18S R14E
 S1
 NE 1/16
 LS 4691
 1980

from which:

A pinon, 10 ins. diam., bears N. 38° E.,
 46 lks. dist., mkd. X BT. Attach F.S. sign
 54-3.
 A juniper, 10 ins. diam., dead and standing,
 bears N. 22° W., 46 lks. dist., mkd. X BT.
 Attach F.S. sign 54-3.

Build a mound of stone, 3 ft. at the base, around
 the corner post to the top of the cap.

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

00.000 Thence
 S. 89° 24' 30" W.

Along the latitudinal centerline of the NE ¼ of
 section 1.

20.040 At which point
 Intersect the C-N 1/16 corner, previously described.

Return to the ¼ section corner of sections 1 and 2,
 previously described.

00.000 Thence
 N. 00° 44' W., (record: N. 00° 45' W.)

Between sections 1 and 2.

20.655 (Record: 20.66) at which point
 Intersect the N 1/16 corner of sections 1 and 2,
 which is evidenced by a standard GLO iron post,
 proj. 13 ins. above ground, firmly set in a mound
 of stone, with brass cap mkd.:

N 1/16
 S2 | S1
 1941

from which old bearing trees:

A pinon, 5 ins. diam., bears N. 61° 45' W.,
 19 lks. dist., (record) mkd. N 1/16 S2 BT.
 Attach F.S. sign 54-3.
 A pinon, 4 ins. diam., bears N. 35° 45' E.,
 13 lks. dist., (record) mkd. N. 1/16 S1 BT.
 Blaze is on West side of tree. Attach F.S.
 sign 54-3.

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



STATE OF NEW MEXICO }
 OTERO COUNTY }
 FILED FOR RECORD IN MY OFFICE
 This 6 day of Oct. 1980
 At 3:20 P.M. case duly recorded
 in Book No. 27 Page 1-4 of
 the records of Otero County, New Mexico
 Margaret D. Sanchez
 County Clerk, Otero County, New Mexico
 Robert O. Chon

56994