



# SURVEY AND MONUMENTATION

SECTION 12, T. 18 S., R. 14 E., N.M.P.M., OTERO COUNTY, NEW MEXICO  
 A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY

58

Commence this survey at the 1/4 section corner of sections 12 and 13, as evidenced by a GLO iron post, firmly set, projecting 15 inches above ground, with brass cap marked:

S12  
 1/4 -----  
 S13  
 1941

from which old bearing trees:  
 A pinon, 6 inches diameter, bears S 45° W, 15 links distant, marked 1/4 S13 BT.  
 A pinon, 10 inches diameter, bears N 19° 45' W, 23 links distant, marked 1/4 S12 BT.

00.000 Thence  
 N 00° 36.7' W, along meridional centerline of section 12, bearing from solar observation.

19.960 Proportional distance for CS 1/16 corner at which point  
 Set an aluminum post, 30 inches long, 10 inches in ground, with cap marked:

T18S R14E  
 CS 1/16  
 S12  
 LS 4691  
 1989

from which  
 A pinon, 9 inches diameter, bears S 33° E, 14 links distant, marked XBT.  
 Continue N 00° 36.7' W

39.920 Intersect the latitudinal centerline of section 12, at which point  
 Set an aluminum post, 30 inches long, 26 inches in ground with cap marked:

T18S R14E  
 C1/4  
 S12  
 LS 4691  
 1989

from which  
 A juniper, 10 inches diameter, bears N 53° W, 21 links distant, marked XBT.  
 Recover an old rebar, 1/2 inch diameter, projecting 2 1/2 inches above ground, 6 inches N W of point of intersection.  
 Continue N 00° 36.7' W

60.148 Proportional distance for CN 1/16 corner, not monumented.  
 80.377 Intersect the 1/4 section corner of sections 1 and 12, as evidenced by a GLO iron post, firmly set, projecting 22 inches above ground, with brass cap marked:

S1  
 1/4 -----  
 S12  
 1941

from which old bearing trees  
 A pinon, 4 inches diameter, bears S 35° W, 56 links distant (record: S 29° 45' W) with an almost closed blaze, marks visible.  
 BT in section 1 found dead and down.

00.000 Thence  
 N 89° 42.5' E (record: N 89° 45' E) between sections 1 and 12.

20.023 Proportional distance for E 1/16 corner, not monumented.  
 40.047 (record: 40.12) at which point  
 Intersect the corner of sections 1, 6, 7 and 12, as evidenced by a GLO iron post, firmly set, projecting 15 inches above ground, with brass cap marked:

T18S  
 R14E R15E  
 S1 S6  
 -----  
 S12 S7  
 1941

from which old bearing trees  
 A pine, 16 inches diameter, bears N 64° 30' E, 60 links distant, with a closed blaze.  
 A juniper, 8 inches diameter, bears S 52° 45' E, 54 links distant, marked T18SR15E S7 BT.  
 A juniper, 13 inches diameter, bears S 59° 15' W, 52 links distant, marked T18SR15E S12 BT.  
 A pine, 9 inches diameter, bears N 32° W, 132 links distant (record: 137 links) with an almost closed blaze, scribing visible.

00.000 Thence  
 S 00° 24.5' E (record: S 0° 24' E) between sections 7 and 12, ranges 14 E and 15 E.

20.340 (record: 20.35) at which point  
 Intersect the N 1/16 corner of sections 7 and 12, evidenced by a GLO iron post, firmly set, projecting 18 inches above ground, with brass cap marked:

N1/16  
 S12 S7  
 1941

from which old bearing trees  
 A pinon, 8 inches diameter, bears S 79° E, 23 links distant, with an almost closed blaze.  
 A juniper, 6 inches diameter, bears S 77° 15' W, 8 links distant, marked N1/16 S12 BT.  
 Continue S 00° 24.5' E (record: S 00° 24' E)

40.497 (record: 40.70) at which point  
 Intersect the 1/4 section corner of sections 7 and 12, as evidenced by a GLO iron post, firmly set, projecting 30 inches above ground in a supporting mound of stone, with brass cap marked:

1/4  
 S12 S7  
 1941

from which old bearing trees  
 A pinon, 8 inches diameter, bears S 52° 15' E, 28 links distant, marked 1/4 S7 BT.  
 Original bearing tree in section 12 found dead and down.

00.000 Thence  
 S 89° 46.0' W, along the latitudinal centerline of section 12.

19.952 Proportional distance for CE 1/16 corner at which point  
 Set an aluminum post, 30 inches long, 21 inches in ground, with cap marked:

T18SR14E  
 CE 1/16  
 S12  
 LS 4691  
 1989

from which  
 A pine, 14 inches diameter, bears N 19° E, 30 links distant, marked XBT.  
 A pine, 12 inches diameter, bears S 41° E, 38 links distant, marked XBT.  
 A set stone, measuring 22x18x4 inches in mound, bears N W, 9 1/2 links distant, origin unknown.

39.904 Continue S 89° 46.0' W  
 Intersect C1/4 corner previously described.

60.121 Continue S 89° 46.0' W  
 Proportional distance for CW 1/16 corner at which point  
 Set an aluminum post, 30 inches long, 27 inches in ground, with cap marked:

T18SR14E  
 CW 1/16  
 S12  
 LS 4691  
 1989

from which  
 A juniper, 9 inches diameter, bears S 22° W, 6 1/2 links distant, marked XBT.  
 Continue S 89° 46.0' W

80.338 At which point  
 Intersect the 1/4 section corner of sections 11 and 12, as evidenced by a GLO iron post, firmly set, projecting 15 inches above ground, with brass cap marked:

1/4  
 S11 S12  
 1941

from which old bearing trees  
 A pinon, 6 inches diameter, bears N 43° 45' E, 44 links distant, marked 1/4 S12 BT.  
 A pinon, 14 inches diameter, dead and down, marked 1/4 S11 BT.  
 Place where tree stood bears N 43° 45' W, 49 links distant.

00.000 Thence  
 S 00° 50.5' W (record: S 0° 58' W), between sections 11 and 12.

20.062 (record: 20.04) at which point  
 Intersect the S 1/16 corner of sections 11 and 12, as evidenced by a GLO iron post, firmly set, projecting 12 inches above ground, with brass cap marked:

S 1/16  
 S11 S12  
 1941

from which old bearing trees  
 A juniper, 22 inches diameter, bears N 81° W (record: N 71° 30' W) 11 links distant, marked S1/16 S11 BT.  
 A cedar, 7 inches diameter, bears S 32° E, 23 links distant (record: S 26° E, 25 links)

00.000 Thence  
 S 00° 59.6' W (record: S 0° 58' W), between sections 11 and 12

19.975 (record: 20.04) at which point  
 Intersect the corner of sections 11, 12, 13 and 14, as evidenced by a witness corner bearing N 89° 36.9' E, a distance of 1.09 chains, a GLO iron post, firmly set, projecting 8 inches above ground, with brass cap marked:

T18SR14E  
 S11 S12  
 ----- WC  
 S14 S13  
 1941

Continued : Sheet 3

THIS PLAT WAS PREPARED BY SOUTHWEST ENGINEERING INC. FROM INFORMATION PROVIDED BY LINCOLN NATIONAL FOREST, U.S.D.A.

<b>LINCOLN NATIONAL FOREST</b>		<b>JOB NO. A-90-002</b>
JANUARY 1990	SCALE 1" = 500'	DRAWN BY: m.u.
<b>SOUTHWEST ENGINEERING INC.</b>		<b>2 OF 3</b>
475 ARCHULETA RD., LAS CRUCES, NEW MEXICO 88005 - (505)526-3381 1000 ZUNI DR., ALAMOGORDO, NEW MEXICO 88310 - (505)437-1501		

# SURVEY AND MONUMENTATION

SECTION 12, T.18S., R. 14 E., N.M.P.M., OTERO COUNTY, NEW MEXICO  
 A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY

59

Continued from sheet 2

00.000 From the true corner point  
 N 89° 36.9' E (record: N 89° 36' E) between sections 12 and 13  
 1.090 Witness corner previously described  
 20.751 Proportional distance for W 1/16 corner, not monumented.  
 41.503 (record: 41.46)  
 Intersect the 1/4 section corner from which I started,  
 previously described  
 00.000 Thence  
 S 88° 45.7' E (record: S 88° 43' W), between sections 12  
 and 13.  
 19.965 Proportional distance for E 1/16 corner, not monumented.  
 39.930 (record: 39.95) at which point  
 Intersect the corner of sections 7,12,13, and 18, as  
 evidenced by a GLO iron post, firmly set, projecting  
 21 inches above ground in a supporting mound of stone,  
 with brass cap marked:

T18S  
 R14E R15E  
 S12 S7  
 S13 S18  
 1941

from which old bearing trees  
 A pinon, 6 inches diameter, bears N 44° E (record: N 54° 45' E)  
 26 links distant, marked T18SR15E S7 BT.  
 A juniper, 10 inches diameter, bears S 82° 15' W, 11 links distant,  
 marked T18SR14E S13 BT.  
 A pinon, 7 inches diameter, bears N 60° W, 52 links distant,  
 with an almost closed blaze, marks visible.

00.000 Thence  
 N 00° 37.3' W (record: N 0° 27' W) between sections 7 and 12.  
 20.473 Proportional distance for S 1/16 corner, not monumented.  
 40.945 (record: 40.90) Intersect the 1/4 section corner of sections  
 7 and 12, previously described.

00.000 Return to the CS 1/16 corner of section 12, previously described.  
 Thence  
 S 89° 29.9' E, computed bearing  
 19.957 Computed distance for SE 1/16 corner, at which point  
 Set an aluminum post, 30 inches long, 25 inches in ground, with  
 cap marked:

T18SR14E  
 SE 1/16  
 S12  
 LS 4691  
 1989

from which  
 A juniper, 12 inches diameter, bears S 56° E, 47 links  
 distant, marked XBT.

00.000 Thence  
 N 00° 37.0' W  
 20.216 At which point  
 Intersect the CE 1/16 corner of section 12, previously  
 described .  
 00.000 Thence  
 N 00° 30.6' W, computed bearing  
 20.193 Computed distance for NE 1/16 corner, at which point  
 Set an aluminum post, 30 inches long, top 6 inches below  
 the ground, with cap marked:

T18SR14E  
 NE 1/16  
 S12  
 LS 4691  
 1989

Corner is in cultivated field, drive a steel post with  
 boundary and survey monument signs attached alongside.  
 00.000 Thence  
 N 89° 52.1' E  
 19.987 At which point  
 Intersect the N 1/16 corner of sections 7 and 12, previously  
 described.

Return to the S 1/16 corner of sections 11 and 12, previously  
 described.  
 00.000 Thence  
 N 89° 37.7' E, computed bearing  
 20.459 Computed distance for SW 1/16 corner, at which point  
 Set an aluminum post, 30 inches long, 19 inches in the  
 ground, with cap marked:

T18SR14E  
 SW 1/16  
 S12  
 LS 4691  
 1989

from which  
 A pine, 12 inches diameter, bears N 89° W, 103 links distant,  
 marked XBT.  
 A pine, 10 inches diameter, bears N 21° E, 98 1/2 links distant,  
 marked XBT.  
 R/W marker STA 699+45.6 bears N 11° E, 116 links distant.

00.000 Thence  
 N 00° 09.2' E  
 20.009 At which point  
 Intersect the CW 1/16 corner previously described.

END

STATE OF NEW MEXICO  
 OTERO COUNTY  
 FILED FOR RECORD IN MY OFFICE  
 This 16 day of April 1990  
 At 3:00 P M and duly recorded  
 in Book No. 40 Page 57-59  
 the records of Otero County, New Mexico  
 Dianna J. Duran  
 County Clerk, Otero County, New Mexico  
 Ryan M. Silva Deputy  
 02948

THIS PLAT WAS PREPARED BY SOUTHWEST ENGINEERING INC. FROM  
 INFORMATION PROVIDED BY LINCOLN NATIONAL FOREST, U.S.D.A.

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