

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

HAGAN QUADRANGLE
197 TENN.-3 KY.-31 VA.
N3630-W8315/15
DIAGRAM NJ 17-10
JOHNSON CITY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

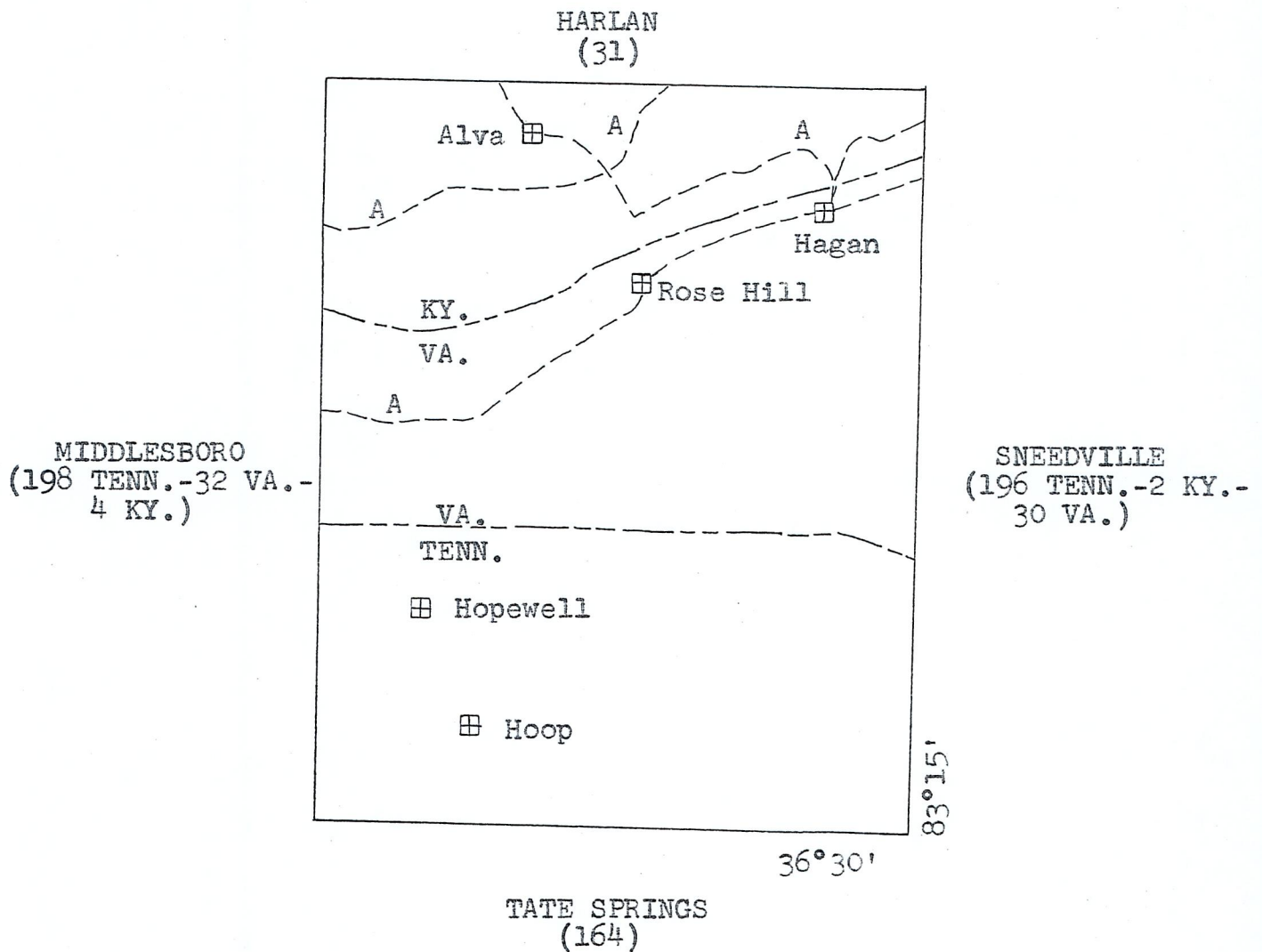
Bell and Harlan Counties, Kentucky;
Lee County, Virginia; Hancock and
Claiborne Counties, Tennessee

Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1972

Edition of 1/20/72

PR: WSM/ale



NGS (USC&GS) VERTICAL CONTROL DATA

A. 360831

HAGAN QUADRANGLE

N3630-W8315/15
TENN.-KY.-VA.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
B 46 1912 1625	3	R 8 1926	3
B 47 1912 1525	3	R 9 1926	3
B 48 1912 1604	3	R 10 1926	4
B 49 1912 1471	3	R 11 1926	4
B 50 1912 1397	3	R 12 1926	4
B 51 1912 1390	3		

HAGAN
Bks. A8954, B2522

TENN.-KY.-VA.

L. F. Biggs, 1912 and
C. E. Reick, 1926

ISOLATED BENCH MARKS (By L. F. Biggs, 1912; Book A8954, and C. E. Reick, 1926; Book B2522)	<u>Feet</u>
Hubbard Springs, 1.0 mi W. of; 30 ft W. of farm rd. cross- ing; 700 ft W. of milepost 247; in rock on S. right-of- way line; standard tablet stamped "B 46 1912 1625" (Tied by NGS, 1934)	1624.518
Hogans; 75 ft NW. of NE. corner of station; in large rock on N. side of rd.; standard tablet stamped "B 47 1912 1525"	1524.529
Rose Hill, 2.0 mi E. of; 700 ft W. of milepost N 49; in S. end of E. abutment of RR. bridge; standard tablet stamped "B 48 1912 1604"	1573.874
Rose Hill, 1.5 mi W. of; 0.46 mi E. of milepost N 53; standard tablet stamped "B 49 1912 1471"	1470.299
Ewing, 0.5 mi NE. of, along Louisville and Nashville Railroad; at bridge 234.5; in N. end of E. abutment; standard tablet stamped "B 50 1912 1397" (Tied by NGS, 1934)	1397.372
Caylor, 1.3 mi E. of; 0.22 mi W. of milepost 58; in rock; 10 ft N. of tracks; 100 ft E. of crossing; standard tablet stamped "B 51 1912 1390"	1389.972
Cubage, 2.4 mi E. of post office; 300 ft E. of cabin of Joseph Cox; on N. side of rd. at crossing of Steep Bank Branch; in boulder; standard tablet stamped "R 8 1926"	1444.979
Reference mark; 160 ft E. of tablet; on boulder; chiseled square	1447.11
Avondale Post Office (abandoned); 230 ft W. of gap between Brownies Creek and Martins Fork; on S. edge of rd. at house of Dave Lee; in boulder; standard tablet stamped "R 9 1926"	1808.876
Reference mark; 430 ft E. of tablet; on boulder; chiseled square	1811.77

ISOLATED MARKS (Cont'd.)Feet

Martins Fork, 1.8 mi W. of post office; 1.0 mi E. of Hensley School; on N. edge of rd.; in ledge; standard tablet stamped "R 10 1926"	1438.461
Reference mark; 200 ft E. of tablet; on boulder; chiseled square	1430.98
Smith, 2.0 mi W. of; on N. side of Martins Fork Road; 1.8 mi E. of Brierfield Gap; in large boulder; standard tablet stamped "R 11 1926"	1373.716
Reference mark; 100 ft E. of tablet; on boulder; chiseled square	1362.37
Smith, 1.0 mi NE. of; 4.0 mi S. of Cawood; 70 ft E. of rd. fork N. at residence of George Pope; on N. side of rd.; in ledge; standard tablet stamped "R 12 1926"	1299.754
Reference mark; 250 ft E. of tablet; on ledge; chiseled square	1299.13