

THIRD-ORDER LEVELING
GEODETIC VERTICAL DATUM OF 1929

37-083-43
IRVINE QUADRANGLE
118 KENTUCKY
N3730-W8345/15
DIAGRAM NJ 17-7
JENKINS

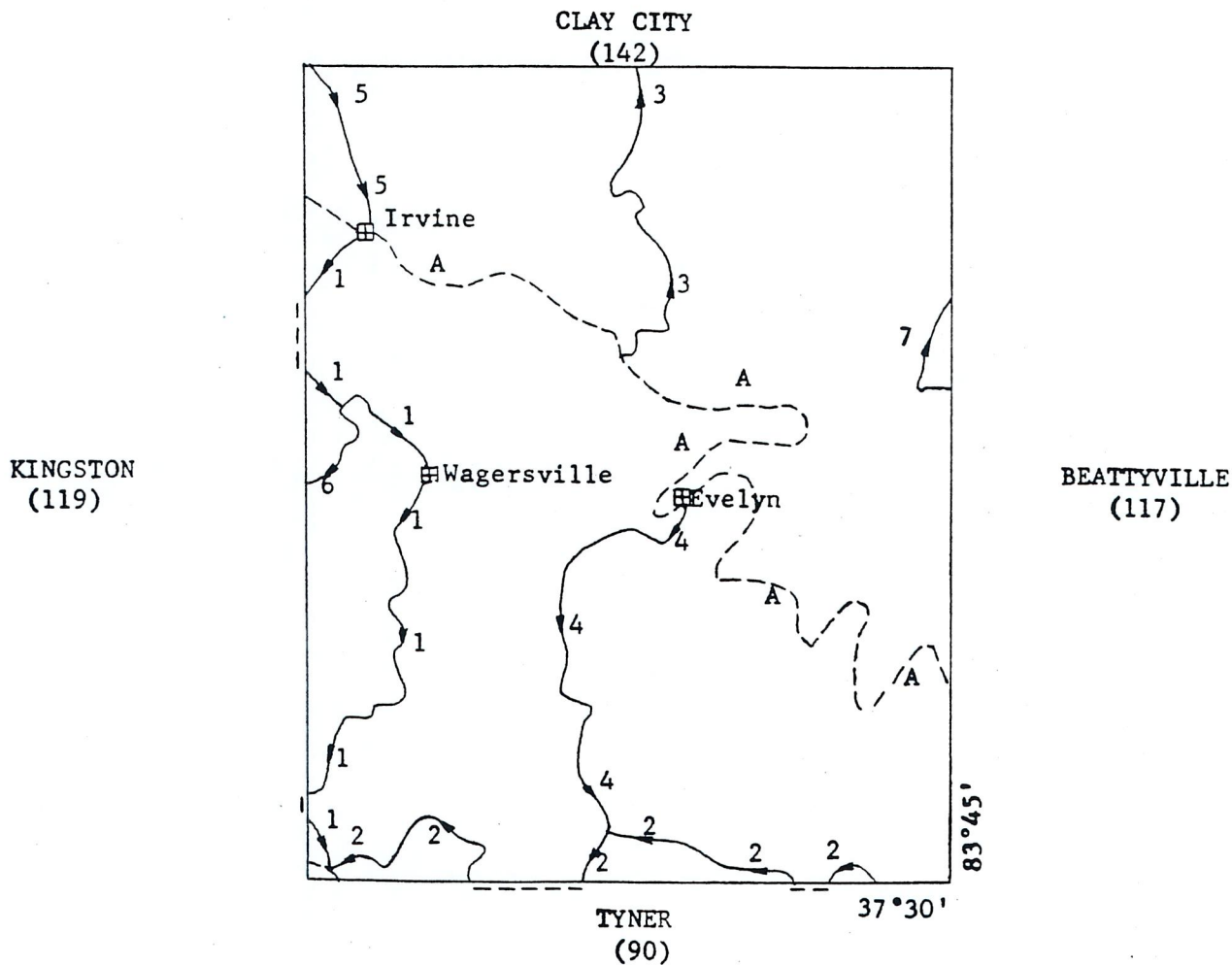
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Estill, Jackson, Lee,
Owsley and Powell Counties

Final adjustment of 1974

Edition of 5/24/74

PR: WSM/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370834

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| | | E 46 1935 | 10 |

LINE 1.

Feet

By W. N. Runnels, 1950; Book AV 152

| | | | | |
|--|----|------|---|---------|
| 6 | 2 | 0.10 | "C 46 1935" (NGS) | 639.598 |
| 6 | 5 | 1.67 | Irvine, 1.5 mi. W. of; along State Highway 52 from the county courthouse at West Irvine; 24 ft S. of SE. corner of Obed Estis grocery store; 5 ft N. and 5 ft W. of NE. corner of post office; 33 ft W. of centerline of hwy., in concrete post; standard tablet stamped "TT 15 EV 1950 662" | 661.640 |
| 6 | 6 | 1.67 | Reference mark; 80 ft NE. of tablet; on N. end of second concrete step to barber shop; chiseled square | 661.23 |
| <u>[Jogs into Kingston Quadrangle]</u> | | | | |
| 6 | 13 | 5.06 | U.E., 60 ft NW. of Y-rd. junction; on top of concrete anchor to corner fencepost; chiseled square | 712.61 |
| 6 | 15 | 6.18 | Wisemantown, 2.3 mi SE. of junction of Blue Banks Pike and Red Lick Road; at Station Camp; 115 ft S. and 56 ft E. of SW. corner of Post Office; 28 ft N. and 28 ft E. of center of Red Lick Road at T-rd. SE.; 9 ft S. of center of wooden gate; 5 ft W. of fence corner; in concrete post; standard tablet stamped "TT 17 EV 1950 622" | 621.599 |
| 6 | 16 | 6.18 | Reference mark; 74 ft NW. of tablet; in root on E. side of 20-in. locust tree; copper nail and washer | 622.90 |
| 6 | 17 | 7.12 | U.E., 12 ft SW. of center of rd., on center of W. headwall of concrete culvert; chiseled square | 643.56 |
| 6 | 20 | 8.60 | U.E., 18 ft E. of center of rd. opposite private driveway SW. to farmhouse; on E. headwall of concrete culvert; chiseled square | 679.63 |
| 6 | 21 | 9.20 | Irvine, 7.2 mi S. of, along State Highway 89; at Wagersville; 36 ft SW. of centerline of hwy.; 20 ft N. and 38 ft W. of NW. corner of bridge over Johnes Branch; 8 ft E. of SE. corner of Wagersville Post Office; 2 ft NE. of fence; in concrete post; standard tablet stamped "TT 33 EV 1950 637" | 636.729 |
| 6 | 22 | 9.20 | Reference mark; 57 ft SE. of tablet; on E. end of N. abutment of bridge; chiseled square | 641.17 |
| 6 | 23 | 9.78 | U.E., at steel girder bridge over Station Camp Creek; S. end of W. abutment; chiseled square | 633.84 |

LINE 1 (Cont'd.)

| | | | <u>Feet</u> | |
|---|----|-------|--|----------|
| 6 | 25 | 10.78 | Irvine, 8.7 mi S. of; along State Highway 89; 1.5 mi S. of Wagersville; 500 ft SW. of sawmill; 19 ft N. of centerline of hwy.; at foot of long hill; 54 ft S. and 14 ft E. of NE. corner of concrete block church; 3 ft N. of fence, in concrete post; standard tablet stamped "TT 34 EV 1950 657" | 656.602 |
| 6 | 26 | 10.78 | Reference mark; 51 ft SE. of tablet; on S. headwall of rock culver; chiseled square | 656.38 |
| 6 | 33 | 12.67 | Irvine, 10.6 mi S. of, along State Highway 89; 1.5 mi N. of Drip Rock Forest Lookout Tower; at crest of Wallery Hill; 26 ft N. of centerline of hwy.; 3 ft S. of Forest Service telephone pole; on rd. bank 7 ft higher than rd.; in concrete post; standard tablet stamped "TT 35 EV 1950 1351" (Reset, 1953) | 1354.340 |
| 6 | 34 | 12.67 | Reference mark; 38 ft W. of tablet; in root on S. side of 10-in. black-oak tree; copper nail and washer | 1351.90 |
| 6 | 41 | 14.59 | Drip Rock Post Office, 1.0 mi S. of, along State Highway 89; 5.8 mi N. along State Highway 89 from school at Sand Point; on wide sweeping curve on S. side of South Fork Hill; 17 ft N. of centerline of hwy.; 45 ft NW. of NW. corner of Ollie Smith general store; 6 ft N. of 8-in. poplar tree; in rock outcrop; standard tablet stamped "TT 36 EV 1950 1164" | 1164.199 |
| 6 | 42 | 14.59 | Reference mark; 54 ft E. of tablet at corner of store; on top of sandstone rock; chiseled square | 1167.32 |
| 6 | 43 | 15.17 | U.E., 30 ft NW. of center of rd. opposite sharp curve at small drain; on rock outcropping; chiseled square | 1115.50 |
| 6 | 47 | 16.17 | U.E., 212 ft S. of S. end of bridge over South Fork of Station Camp Creek; 15 ft S. of center of rd.; S. headwall of small culvert; chiseled square | 757.70 |
| 6 | 54 | 17.40 | Drip Rock Post Office, 3.8 mi S. of; along State Highway 89; 3.0 mi N. of Sand Springs School along State Highway 89; at Pond School; 6 in. E. of NE. corner of School-house chimney; 15 ft S. of NE. corner of schoolhouse; 16 ft N. of SE. corner of schoolhouse; in concrete base of chimney; standard tablet stamped "TT 37 EV 1950 1355 1950" | 1355.157 |

LINE 1 (Cont'd.)

| | | | <u>Feet</u> | |
|---|----|-------|---|----------|
| 6 | 55 | 17.40 | Reference mark; 86 ft SE. of tablet; in root on W. side of 14-in black-oak tree; copper nail and washer | 1358.00 |
| 6 | 59 | 18.99 | U.E., 40 ft SE. of center of rd. at junction of Woods Rd. E.; on S. end of E. headwall of small culvert; chiseled square | 1386.90 |
| 6 | 62 | 20.31 | Drip Rock Post Office, 6.5 mi S. of; along State Highway 89; in yard of Sand Springs School; 16 ft SE. of centerline of hwy.; 30 ft N. and 31 ft W. of NW. corner of schoolhouse; 0.5 ft E. of row of guard rail posts; in concrete post; standard tablet stamped "TT 38 EV 1950 1401" | 1400.595 |
| 6 | 63 | 20.31 | Reference mark; 44 ft SW. of tablet; on N. edge of concrete schoolhouse porch; chiseled square | 1401.61 |
| 6 | 64 | 21.11 | U.E., 120 ft SE. of junction of main traveled rd. and dim rd. SW.; 12 ft S. of center of rd.; on S. headwall of rock culvert; chiseled square | 1420.73 |
| 6 | 68 | 22.28 | McKee, 11.5 mi N. of, along State Highway 89 from county courthouse; 2.1 mi S. along State Highway 89 from schoolhouse at Sand Springs; at Fox Town; 500 ft NE. of general store; 24 ft N. and 19 ft E. of intersection of State Highway 89 and Wind Cave Road SE.; 3 ft N. of W. end of Forest Service Sign; 3 ft N. and 3 ft E. of mileage sign; in concrete post; standard tablet stamped "TT 39 EV 1950 1064" | 1064.434 |
| 6 | 69 | 22.28 | Reference mark; 492 ft S. of tablet; 140 ft NE. of Fox Town Post Office; on center of E. curbing of small concrete bridge; chiseled square | 1068.60 |
| 7 | 9 | 27.25 | "S 42 1935" (NGS) | 1025.766 |

LINE 2.

By Wallace Varley, 1950; Book AV 178

| | | | | |
|---|----|------|--|----------|
| 2 | 12 | 4.74 | U.E., at intersection of T-rds.; 1 ft higher than centerline of bridge; in W. end of S. headwall of bridge; chiseled square | 827.33 |
| 2 | 14 | 5.57 | Delvinta, in crossroads of; in yard of schoolhouse; 71 ft SE. of centerline of rd. W.; 120 ft N. of NE. corner of school; in NE. corner of stone well; standard tablet stamped "WV 12 1950 1033" | 1033.343 |
| 2 | 14 | 5.56 | Reference mark; 57 ft NW. of tablet; on W. end of E. headwall of culvert; chiseled square | 1029.16 |

Line 2 (Cont'd.)

Feet

Jogs into Tyner Quadrangle

| | | | | |
|---|----|-------|--|----------|
| 2 | 21 | 8.12 | Delvinta, 2.5 mi SW. of, along rd. leading to Arvel; at intersection of graveled rd. and dirt rd. S. to Cressmont; in NE. angle of Y-rds.; 25 ft SE. of centerline of rd. to Arvel; 25 ft N. of centerline of rd. to Cressmont; 3 ft W. of fence; in concrete post projecting 4 inches above ground; standard tablet stamped "WV 13 1950 728" | 727.868 |
| 2 | 21 | 8.11 | Reference mark; 155 ft SW. of tablet; on SE. end of galvanized iron pipe under rd. to field; chiseled square | 719.10 |
| 2 | 23 | 8.66 | U.E., at Cressmont Post Office; 1 ft higher than centerline of rd.; on NE. corner of old sidewalk; chiseled square | 975.13 |
| 2 | 24 | 9.15 | U.E., on E. end of bottom step of Stone Coal Baptist Church; chiseled square | 1027.85 |
| 2 | 27 | 10.26 | Delvinta, 4.7 mi W. of, along rd. to Arvel; 2.9 mi E. of Arvel, along rd. to Delvinta; at junction of rd. and rd. SW.; in W. angle of T-rds.; 33 ft SW. of graveled rd.; 30 ft NW. of centerline of rd. SW.; 32 ft SE. of blazed 5-in. pine tree; in concrete post projecting 4 inches above ground; standard tablet stamped "WV 14 1950 1112" | 1112.375 |
| 2 | 27 | 10.25 | Reference mark; 40 ft SE. of tablet; in NW. root of 10-in. oak tree; copper nail and washer | 1113.78 |
| 2 | 32 | 13.19 | Arvel, in crossroads of; in S. angle of rd. forks; 30 ft SW. of centerline of rd. to Old Orchard; 41 ft SE. of centerline of rd. to Wind Cave; 14 ft N. of 14-in. blazed oak tree; in concrete post projecting 6 inches above ground; standard tablet stamped "WV 15 1950 1279" | 1279.363 |
| 2 | 31 | 13.17 | Reference mark 1; 54 ft N. of tablet; on S. end of concrete pipe; chiseled square | 1277.42 |
| 2 | 31 | 13.18 | Reference mark 2; 24 ft NE. of tablet; on S. end of concrete pipe; chiseled square | 1278.05 |
| 2 | 34 | 14.40 | U.E., at junction of rd. and rd. NW.; on NE. end of SE. headwall of culvert; chiseled square | 1253.04 |

Jogs into Tyner Quadrangle

LINE 2 (Cont'd.)

| | | | | <u>Feet</u> |
|---|----|-------|--|-------------|
| 2 | 52 | 20.11 | U.E., at small drain; 15 ft NW. of; and 3 ft. higher than rd. at drain; on 4-by 5-ft boulder; chiseled square | 1068.30 |
| 2 | 53 | 20.40 | U.E., at intersection of rd. and Y-rd. SE.; at S. end of drain over rd.; on top of boulder; chiseled square | 970.93 |
| 2 | 54 | 20.85 | Wind Cave Post Office, 1.0 mi N. of, along rd. leading toward Foxtown; at Wind Cave Church; 300 ft SW. of church; 33 ft NE. of centerline of rd.; 26 ft SE. of centerline of rd. to church; 26 ft SW. of 10-in. walnut tree; in concrete post projecting 5 in. above ground; standard tablet stamped "WV 18 1950 1006" | 1006.260 |
| 2 | 54 | 20.84 | Reference mark; 12 ft SW. of tablet; on embedded boulder; chiseled square | 1007.80 |
| 2 | 55 | 21.44 | U.E., 25 ft S. of, and 1 ft higher than centerline of junction of rd. and drive to imitation brick house; on large boulder; chiseled square | 1019.64 |
| 2 | 57 | 22.40 | U.E., at junction of T-rd. near country store; 27 ft S. of; and 1 ft lower than centerline of rd. junction; in S. rut of rd.; on rock outcrop; chiseled square | 1225.88 |
| 2 | 59 | 23.60 | Wind Cave Post Office, 3.8 mi W. of, along rd. leading to Foxtown; 1.8 mi E. along graveled rd. to Wind Cave from Foxtown; on property of J. B. Boyd; 190 ft SE. of Boyd's farm home; 11 ft S. of SW. corner of a garage located diagonally across rd. from a farm house; 24 ft E. of centerline of rd.; 21 ft W. of a large boulder in open field; in concrete post projecting 4 inches above ground; standard tablet stamped "WV 19 1950 1087" | 1087.026 |
| 2 | 59 | 23.59 | Reference mark; 12 ft S. of tablet; on small boulder flush with ground; chiseled square | 1087.27 |
| 2 | 60 | 24.04 | U.E., On SE. wingwall of bridge over small stream; chiseled square | 933.43 |
| 2 | 61 | 24.68 | U.E., 15 ft W. of, and 1 ft lower than centerline of rd. and drive S. to a one story white house; on center of SW. headwall of culvert; chiseled square | 1044.90 |
| 2 | 62 | 25.03 | U.E., at country store; on W. stone block of N. headwall of culvert; chiseled square | 1055.29 |
| 2 | 63 | 25.55 | U.E., on center of SE. headwall of bridge over small stream; chiseled square | 1038.68 |

LINE 2 (Cont'd.)

| | | | | <u>Feet</u> |
|---|----|-------|--|-------------|
| 2 | 64 | 25.86 | "TT 39 EV 1950 1064" (Described in line 1) | 1064.434 |

LINE 3.

By Wallace Varley, 1950; Book AV 178

| | | | | |
|---|----|------|--|----------|
| 1 | 2 | 0.00 | " X 45 1935" (NGS) | 640.839 |
| 1 | 2 | 0.70 | U.E., 75 ft SE. of, and 2 ft lower than centerline of rd. junction on S. end of E. headwall of culvert; chiseled square | 637.68 |
| 1 | 5 | 2.38 | Irvine Courthouse, 9.7 miles E. of, along State Hwy. 52; at junction of hwy. and dirt rd. W.; in front of property of R. L. Kelly; 24 ft N. of centerline of rd. forks; 23 ft W. of centerline of hwy.; on S. end of W. headwall of culvert under highway; standard tablet stamped "WV 1 1950 644" | 643.782 |
| 1 | 5 | 2.37 | Reference mark 35 ft E. of tablet; on S. end of E. headwall of culvert; chiseled square | 643.461 |
| 1 | 6 | 2.92 | U.E., On SW. wingwall of bridge over stream; chiseled square | 636.13 |
| 1 | 8 | 3.58 | U.E., at intersection of rd. and small drain crossing; near log drag and loading rack; on center of SW. headwall of culvert; chiseled square | 840.09 |
| 1 | 10 | 4.31 | U.E., at pull-out or parkway along side of rd.; 43 ft W. of and level with centerline of hwy.; on 2-by 3-ft boulder projecting 1.5 ft above ground; chiseled square | 1098.13 |
| 1 | 13 | 5.89 | Irvine Courthouse, 7.2 miles E. of; along State Highway 52; at junction of hwy. and rd. NE. to furnace (Tipton Ridge Road); 25 ft N. of centerline of rd. W.; 17 ft W. of centerline of hwy.; in N. end of W. headwall of culvert under hwy.; standard tablet stamped "WV 2 1950 1261" | 1261.137 |
| 1 | 13 | 5.89 | Reference mark; 37 ft E. of tablet; on S. end of E. headwall of culvert; chiseled square | 1257.14 |
| 1 | 15 | 6.75 | U.E., at junction of road and winding dirt rd. NE.; 18 ft W. of, and level with centerline of rd. junction; on N. end of small headwall of drain under rd. NE.; chiseled square | 1292.20 |

LINE 3 (Cont'd.)Feet

| | | | | |
|--------------------------------------|----|------|---|----------|
| 1 | 19 | 9.28 | Irvine Courthouse, 7.2 mi E. of; along State Highway 52, thence 3.3 mi NE. along Tipton Ridge Road leading to Furnace; 2.0 mi SW. along Tipton Ridge Rd. from Furnace; at junction of Tipton Ridge Rd. and rd. W. to Marvel Yard; in angle of T-rd.; 22 ft NW. of E. of graveled rd.; 22 ft NE. of E. rd. W. in concrete post projecting 4-in. above ground; standard tablet stamped "WV 3 1950 1353" | 1353.571 |
| <u>LINE 4.</u> | | | | |
| By Wallace Varley, 1950; Book AV 179 | | | | |
| 3 | 2 | 0.00 | "S 45" (NGS) | 659.021 |
| 3 | 2 | 0.81 | U.E., On NE. corner of sidewalk at home of Ancil Angle; chiseled square | 642.15 |
| 3 | 5 | 2.11 | U.E., at curve in rd. near farmhouse; 30 ft NW. of centerline of rd.; 5 ft SW. of path; on rock outcrop; chiseled square | 942.58 |
| 3 | 9 | 3.53 | Leighton; 97 ft NE. of Leighton Schoolhouse; 34 ft SE. of centerline of rd.; 12 ft SW. of woods rd. S.; in concrete post projecting 4 in. above ground; standard tablet stamped "WV 20 1950 1261" | 1260.706 |
| 3 | 9 | 3.52 | Reference mark; 108 ft SW. of tablet; on center of step to schoolhouse; chiseled square | 1262.89 |
| 3 | 13 | 5.51 | U.E., 9 ft E. of centerline of rd. at dim rd. E.; on rock outcrop; chiseled square | 1255.17 |
| 3 | 15 | 6.16 | Leighton, 2.7 mi S. of, along rd. leading to Old Orchard; 65.5 ft S. of SW. corner of Granny Richardson's Spring School; 50 ft E. of centerline of rd.; 37 ft NE. of old oil well; in large rock outcrop; standard tablet stamped "WV 21 1950 1040" | 1039.858 |
| 3 | 15 | 6.15 | Reference mark; 75 ft N. of tablet; on step of schoolhouse; chiseled square | 1044.37 |
| 3 | 21 | 7.78 | U.E., 10 ft S. of, and level with centerline of T-rd. N.; on rock outcrop; chiseled square | 944.65 |
| 3 | 22 | 7.89 | Leighton, 4.3 mi S. of; along rd. to Old Orchard; 3.2 mi N. along rd. to Leighton from Old Orchard; 51 ft W. of SW. corner of residence of David Conrad; 16 ft N. of centerline of rd.; in concrete post projecting 4 in. above ground; standard tablet stamped "WV 22 1950 981" | 980.854 |
| 3 | 22 | 7.88 | Reference mark; 51 ft NW. of tablet; on SW. corner of boulder; chiseled square | 984.02 |

LINE 4 (Cont'd.)

| | | | | <u>Feet</u> |
|---|----|-------|--|-------------|
| 3 | 24 | 8.30 | U.E., at junction of Y-rd. near stream; 18 ft NE. of; and 3 ft lower than rd. forks; 9 ft E. of centerline of rd. NW.; on top of rock outcrop; chiseled square | 857.09 |
| 3 | 25 | 8.84 | U.E., at junction of Y-rds.; 15 ft SW. of centerline of rd. and stream crossing; 1 ft higher than stream; on large boulder; chiseled square | 908.81 |
| 3 | 30 | 10.15 | U.E., near center of triangle formed by T-rd.; in root on NW. side of twin-white oak tree; copper nail and washer | 1236.82 |
| 3 | 31 | 10.93 | U.E., 25 ft NE. of; and 3 ft higher than centerline of junction of rd. N.; on small boulder; chiseled square | 1173.05 |
| 3 | 32 | 11.51 | "WV 15 1950 1279" (Described in Line 2) | 1279.363 |

LINE 5.

By G. Baird, 1950; Book AV 148

| | | | | |
|---|----|-------|---|---------|
| 1 | 64 | 25.54 | Irvine, 2.2 mi NW. of county courthouse; along State Highway 89; 0.8 mi NW. of North Irvine; 55 ft W. of centerline of hwy.; 29 ft N. and 23 ft W. of centerline of hwy. at junction of dim rd. NW.; 390 ft S. of E. F. Riche Grocery Store; 9 ft N. and 9 ft E. of fence corner; in concrete post standard tablet stamped "T 14 EV 1950 636" | 635.693 |
| 1 | 65 | 25.54 | Reference mark; 490 ft S. of tablet; 15 ft W. of hwy.; on N. end of W. concrete headwall of culvert; chiseled square | 634.42 |
| 1 | 68 | 27.45 | "E 46 1935" (NGS) | 642.125 |

LINE 6.

By G. Baird, 1950; Book AV 148

| | | | | |
|---|----|------|--|---------|
| 5 | 14 | 0.00 | Wisemantown 2.3 mi SE. of junction of Blue Banks Pike and Red Lick Road; at Station Camp; 115 ft S. and 56 ft E. of SW. corner of post office; 28 ft E. and 28 ft N. of centerline of Red Lick Road at T-rd. SE.; 9 ft S. of center of wooden gate; 5 ft W. of fence corner; in concrete post; standard tablet stamped "TT 17 EV 1950 622" (Also. in Line 1) | 621.599 |
| 5 | 15 | 0.97 | U.E., 10 ft W. of centerline of graveled rd.; on top and at center of concrete headwall; chiseled square | 625.43 |

LINE 6 (Cont'd.)

| | | | | <u>Feet</u> |
|---|----|------|--|-------------|
| 5 | 17 | 1.32 | U.E., at rd. junction; 10 ft NW. of centerline of graveled rd.; on center of concrete headwall; chiseled square | 630.16 |
| 5 | 19 | 2.64 | Station Camp Post Office, 2.6 mi S. and SW. of; along graveled rd. at Wm. Anderson Schribner's place; 22 ft NW. from centerline of rd.; 37 ft E. from E. corner of front porch; 5 ft NW. of 12-in cedar tree at E. corner of yard fence; 1 ft NE. of fence; 4 ft higher than rd.; in concrete post; standard tablet stamped "27 GB 1950 642" | 642.417 |
| 5 | 20 | 2.64 | Reference mark, 65 ft N. of tablet; on limestone rock outcrop; chiseled square | 647.28 |

LINE 7.

By J. W. McLaughlin, 1950; Book AV 166

| | | | | |
|---|----|-------|--|---------|
| 2 | 52 | 11.10 | Greeley, 2.1 mi S. of post office; along dirt rd.; 28 ft SE. of centerline of rd. at junction of T-rd. E.; 35 ft NE. of center of wooden bridge; in concrete post; standard tablet stamped "38 JWM 1950 731" | 731.287 |
| 2 | 55 | 13.20 | Greeley; 18 ft S. of SE. corner of post office; 20 ft W. of; and 4 ft lower than centerline of rd.; in concrete post; standard tablet stamped "39 JWM 1950 885" | 885.012 |

KY 118 QUADRANGLE

..... FILED 3/87

NOTICE

FOR HORIZONTAL CONTROL
COMPUTER PRINT-OUT

SEE BOOK C5 619

KY-6 PROJECT HAP

COPY SUITABLE FOR XEROX

IS FILED IN KY 89 QUAD.

NOTE: This is to be stapled to the inside front cover of the horizontal control folder.

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-083-43
IRVINE QUADRANGLE
118 KENTUCKY
N3730-W8345/15
DIAGRAM NJ 17-7
JENKINS

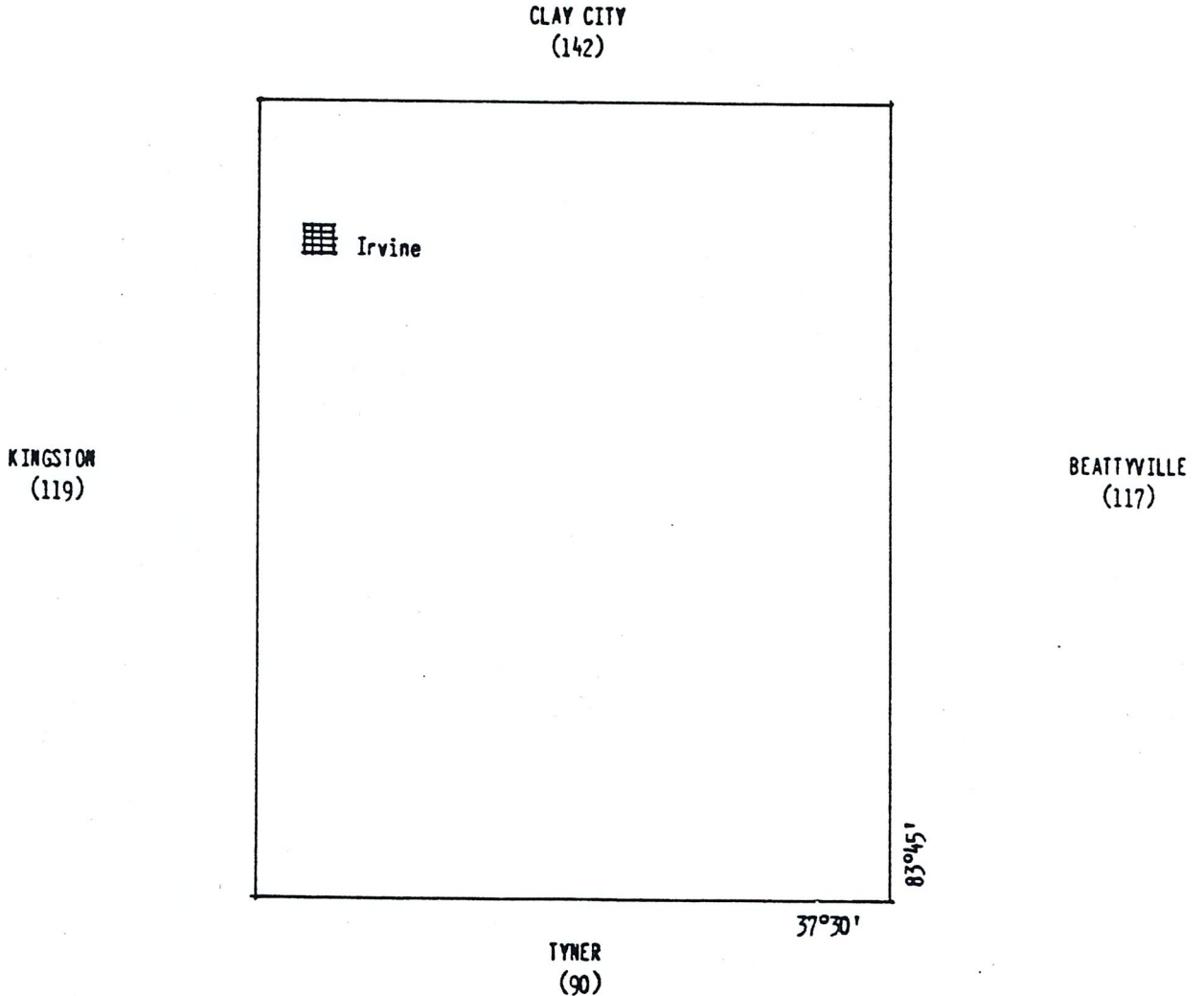
Estill, Jackson, Lee, Owsley,
and Powell Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 10/26/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

118 KENTUCKY
IRVINE QUADRANGLE

37-083-43
N3730-W8345/15

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| TT 39 EV 1950 1064 | 4 |
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| TT 19 RCD 1950 | 5 |
| TT 20 RCD 1950 | 5 |
| <u>NGS</u> | |
| B 46 1935 637.830 | 3 |
| C 46 1935 639.598 | 3 |
| E 46 1935 | 3 |

| STATION | DESCRIPTION | LATITUDE | LONGITUDE |
|---------|-------------------------|----------|-----------|
| | PLANE COORDINATES, FEET | ° ' " | ° ' " |

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. A. Evans, 1950; Book AH 168

Irvine, 2.2 mi NW. of county courthouse, along State Highway 89; 0.8 mi NW. of North Irvine; 55 ft W. of centerline of hwy.; 29 ft N. and 23 ft W. of centerline of hwy. at junction of dim rd. NW.; 390 ft S. of E. F. Rice Grocery Store; 9 ft N. and 9 ft E. of fence corner; in concrete post; standard tablet stamped "TI 14 EV 1950 636"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,509,957 | Y = 511,626 | 37 43 31.78 | 83 59 12.33 |
|---------------|-------------|-------------|-------------|

Irvine; at factory of Carhart Overall Company; 1 ft E. of NW. corner of building; in concrete foundation; NGS standard disk stamped "E 46 1935" (Not found, 1958)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,511,905 | Y = 503,552 | 37 42 11.60 | 83 58 49.97 |
|---------------|-------------|-------------|-------------|

Irvine, 1.0 mi NW. of county courthouse; 0.4 mi N. of Kentucky River; on top of high mountain called Sweet Lick Knob; in concrete post; standard tablet stamped "IRVINE 1950"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,511,165 | Y = 505,467 | 37 42 30.68 | 83 58 58.73 |
|---------------|-------------|-------------|-------------|

Irvine; at Louisville and Nashville Railroad station; 16 ft N. of, and 4 ft higher than N. rail of track; in center of S. wall; NGS standard disk stamped "C 46 1935 639.598"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,514,962 | Y = 500,812 | 37 41 43.95 | 83 58 12.59 |
|---------------|-------------|-------------|-------------|

Irvine; 28 ft W. of SW. corner of L. & N. RR. freight station; 16 ft N. of N. rail; 2 ft NE. of SW. corner of small park; in concrete post; NGS standard disk stamped "B 46 1935 637.830"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,515,330 | Y = 500,534 | 37 41 41.13 | 83 58 08.07 |
|---------------|-------------|-------------|-------------|

Irvine; 1.5 mi W. of county courthouse, along State Highway 52; at West Irvine; 33 ft W. of centerline of hwy.; 24 ft S. of SE. corner of Obed Estis Grocery Store; 5 ft N. and 5 ft W. of NE. corner of post office; in concrete post; standard tablet stamped "TI 15 EV 1950 662"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,508,858 | Y = 502,388 | 37 42 00.67 | 83 59 28.16 |
|---------------|-------------|-------------|-------------|

Wisemantown, 2.3 mi SE. of; at Station Camp; 115 ft S. and 56 ft E. of SW. corner of post office; 28 ft N. and 28 ft E. of centerline of Redlick Road at junction of T-rd. SE.; 9 ft S. of center of wooden gate; 5 ft W. of fence corner; in concrete post; standard tablet stamped "TI 17 EV 1950 622"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,509,244 | Y = 483,336 | 37 38 52.26 | 83 59 27.77 |
|---------------|-------------|-------------|-------------|

| STATION | DESCRIPTION PLANE COORDINATES, FEET | LATITUDE ° ' " | LONGITUDE ° ' " |
|---------|--|-------------------|--------------------|
|---------|--|-------------------|--------------------|

OBSOLETE MARKS (Cont'd.)

Irvine, 7.2 mi S. of, along State Highway 89; at Wagersville; 36 ft SW. of centerline of hwy.; 20 ft N. and 38 ft W. of NW. corner of bridge over Jones Branch; 8 ft E. of SE. corner of post office; 2 ft NE. of fence line; in concrete post; standard tablet stamped "TI 33 EV 1950 637"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,520,183 | Y = 475,490 | 37 37 32.66 | 83 57 13.63 |
|---------------|-------------|-------------|-------------|

Irvine, 8.7 mi S. of, along State Highway 89; 1.5 mi SW. of Wagersville, 19 ft N. of centerline of hwy.; 500 ft SW. of sawmill; 54 ft S. and 14 ft E. of NE. corner of concrete block church; at foot of long hill; 3 ft N. of fence line; in concrete post; standard tablet stamped "TI 34 EV 1950 657"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,517,015 | Y = 469,122 | 37 36 30.31 | 83 57 54.49 |
|---------------|-------------|-------------|-------------|

Irvine, 10.6 mi S. of, along State Highway 89; 1.5 mi N. of Drip Rock Forest Lookout Tower; at crest of Wallery Hill; 26 ft N. of centerline of hwy.; 3 ft S. of Forest Service telephone pole; on rd. bank 7 ft higher than rd.; in concrete post; standard tablet stamped "TI 35 EV 1950 1351" (Reset, 1953)

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,517,251 | Y = 463,462 | 37 35 34.31 | 83 57 52.89 |
|---------------|-------------|-------------|-------------|

Drip Rock, 1.0 mi S. of post office, along State Highway 89; 5.8 mi N. along State Highway 89 from school at Sand Point; on wide sweeping curve on S. side of South Fork Hill; 17 ft N. of centerline of hwy.; at curve on S. side of South Fork Hill; 45 ft NW. of NW. corner of Ollie Smith General Store; 6 ft N. of 8-in. poplar tree; in rock outcrop; standard tablet stamped "TI 36 EV 1950 1164"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,517,972 | Y = 457,029 | 37 34 30.59 | 83 57 45.45 |
|---------------|-------------|-------------|-------------|

Drip Rock, 3.8 mi S. of post office, along State Highway 89; 3.0 mi N. of Sand Springs School; along State Highway 89; at Pond School; 16 ft N. of SE. corner of schoolhouse; 15 ft S. of NE. corner of schoolhouse; in concrete base of chimney; standard tablet stamped "TI 37 EV 1950 1355"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,514,549 | Y = 448,967 | 37 33 11.53 | 83 58 29.84 |
|---------------|-------------|-------------|-------------|

Drip Rock, 6.5 mi SW. of post office, along State Highway 89; at Sand Springs; in yard of Sand Springs School; 30 ft N. and 31 ft W. of NW. corner of school; 16 ft SE. of centerline of hwy.; 0.5 ft E. of row of guardrail posts; in concrete post; standard tablet stamped "TI 38 EV 1950 1401"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,508,409 | Y = 439,411 | 37 31 38.20 | 83 59 48.28 |
|---------------|-------------|-------------|-------------|

McKee, 11.5 mi N. of, along State Highway 89 from county courthouse; 2.1 mi S. of Sand Springs Schoolhouse; along State Highway 89; at Foxtown; 500 ft NE. of general store; 24 ft N. and 19 ft E. of centerline of Highway 89 at junction of Wind Cave Road SE.; 3 ft N. of W. end of Forest Service sign; 3 ft N. and 3 ft E. of mileage sign; in concrete post; standard tablet stamped "TI 39 EV 1950 1064"

| | | | |
|---------------|-------------|-------------|-------------|
| X = 2,509,698 | Y = 431,624 | 37 30 20.98 | 83 59 34.07 |
|---------------|-------------|-------------|-------------|

| STATION | DESCRIPTION | LATITUDE | LONGITUDE |
|---------|-------------------------|----------|-----------|
| | PLANE COORDINATES, FEET | ° ' " | ° ' " |

OBSOLETE MARKS (Cont'd.)

By R. C. Darnell, 1950; Book AH 190

Greeley; 18 ft S. of SE. corner of post office; 20 ft W. of, and 4 ft lower than centerline of rd.; in concrete post; standard tablet stamped "39 JWM 1950 885"

X = 2,577,982 Y = 494,877 37 40 32.83 83 45 10.24

Greeley, 2.1 mi S. of post office, along dirt rd.; 28 ft SE. of centerline of rd. at junction of I-rd. E.; 35 ft NE. of center of wooden bridge; in concrete post; standard tablet stamped "38 JWM 1950 731"

X = 2,576,157 Y = 485,093 37 38 56.50 83 45 35.50

Mt. Olive, 4.6 mi NW. of, along State Highway 52; at Sandfield; 350 ft E. of Crabtree Store; in SW. abutment of bridge over Big Sinking Creek; standard tablet stamped "TI 19 RCD 1950"

X = 2,569,008 Y = 481,473 37 38 22.20 83 47 05.29

Mt. Olive, 1.8 mi W. of, along State Highway 52; 600 ft SE. of rd. leading to Pine Crest Youth Camp; 40 ft S. of centerline of hwy.; 19 ft N. and 6 ft W. of electric light pole; in sandstone outcrop; standard tablet stamped "TI 20 RCD 1950"

X = 2,578,006 Y = 477,059 37 37 36.70 83 45 14.61