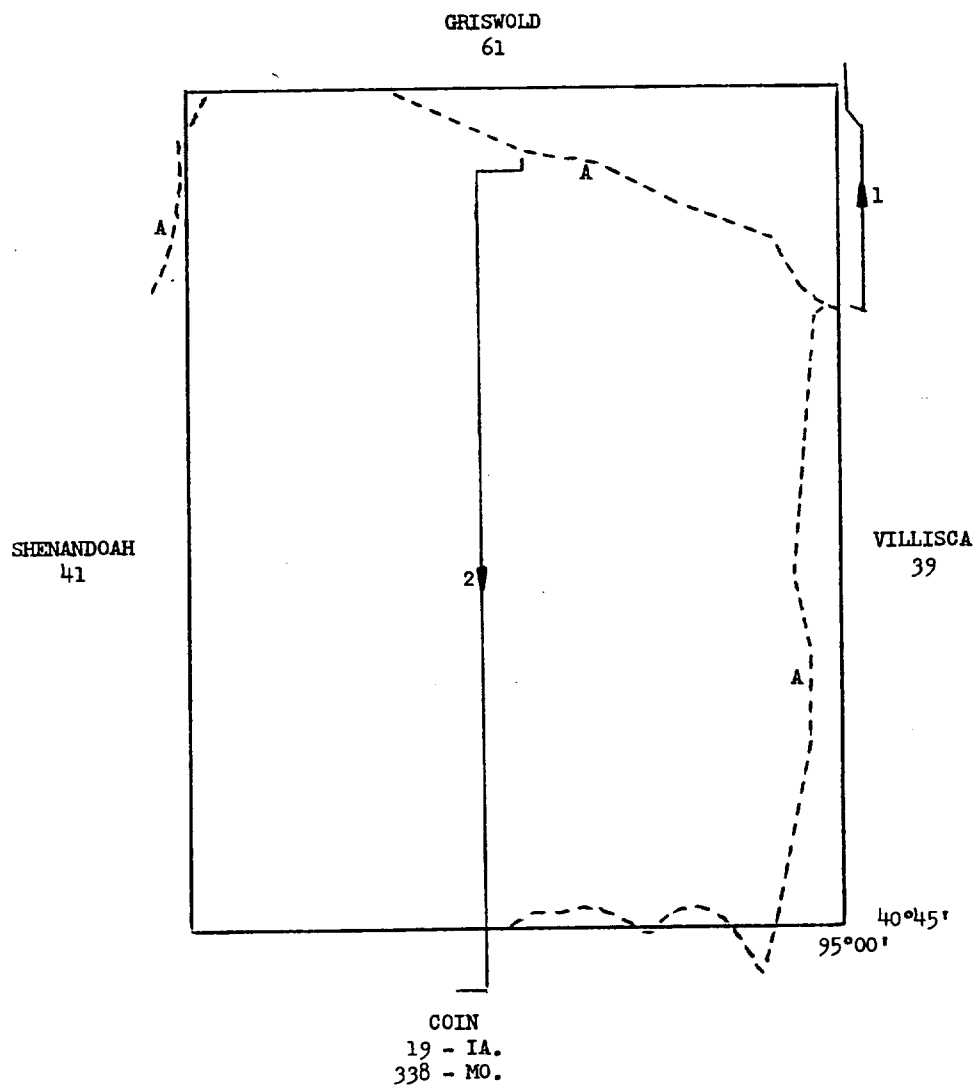


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

40-095-11
STANTON QUADRANGLE
40 - IOWA
N4045-W9500/15
DIAGRAM NK 15-10
NEBRASKA CITY

PR: ADP/LB/cb



A. Quadrangle No. 400951

40C

LINE 1

FEET

D.N. Burgeson, 1976; Book CV-3942

VILLISCA QUAD. - 39

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|---|----|-----|--|----------|
| 7 | 3 | 0.0 | RM, 1.2 mi W. along the Chicago, Burlington & Quincy RR. from the station at Villisca, Montgomery County, at a bridge over West Nodaway River, and in the top of the second step on the S. side of the E. stone abutment, a United States Geological Survey standard disk stamped "USGS GAUGING STATION REFERENCE MARK". | 1038.102 |
| | 3 | 0.6 | UE, 0.6 mi E. of tablet, at an over-pass of U.S. Hwy. 71 over the Burlington Northern RR.; at the W. end of the N. pier of overpass and 6.5 ft above the N. RR. grade of two tracks; chiseled square | 1063.64 |
| | 6 | 1.4 | UE, Villisca, 0.8 mi N. of; 14.2 mi S. of Grant, T. 71 N., R. 36 W., near N. sixteenth cor. secs. 21 and 22; 77 ft S., 62.5 ft E. and 6.6 ft lower than T-rd. W., 0.2 ft from E. end of a concrete culvert; chiseled square | 1053.69 |
| | 8 | 2.2 | UE, Villisca, 1.5 mi N. of along U.S. Hwy. 71, 13.5 mi S. of Grant; T. 71 N., R. 36 W., near quarter cor. secs. 15 and 16; 200 ft S. and 46 ft E. of road at fence W., 0.25 ft from the E. end of a concrete culvert; chiseled square | 1051.57 |
| | 10 | 2.7 | Reference mark, 105 ft E. of tablet; 50 ft S. and 42 ft E. and 1.8 ft lower than T-rd. E., at center of a 5.4 ft concrete headwall; brass plug stamped "I H C RM" | 1053.75 |
| | 11 | 2.7 | Villisca, 2 mi N. of along U.S. Hwy. 71, 13 mi S. of Grant; T. 71 N., R. 36 W., near cor. secs. 9, 10, 15 and 16; 50 ft S., 59 ft W. and 5.2 ft lower than T-rd. E., at center of 5 ft concrete headwall standard tablet stamped "3 DNB 1976" | 1050.340 |
| | 13 | 3.6 | UE 3 DNB A, Villisca, N. of along U.S. Hwy. 71; 12 mi S. of Grant, T. 71 N., R. 36 W., near cor. of secs. 3, 4, 9 and 10; 390 ft N. of milepost 29, 78 ft S., 50 ft E. and 5 ft lower than road at entrance E., 2.8 ft N. of the S. end of a 24-in. steel corrugated culvert; a punched hole | 1060.20 |
| | 14 | 4.1 | UE 3 DNB B, Villisca, 3.5 mi N. of along U.S. Hwy. 71; 11.5 mi S. of Grant; T. 71 N., R. 36 W., near quarter cor. secs. 3 and 4, at NW. end of U.S. Hwy. 71 over U.S. Hwy. 34; 7.4 ft S., 0.35 ft higher than center of overpass over W. bound lane brass plug; stamped "I H C" | 1078.27 |
| | 16 | 4.8 | Reference mark, 133 ft E. of tablet, 100 ft N. of drive E. to barnyard; 63 ft E. and 9.9 ft lower than road at culvert; at center of E. end of a concrete box culvert; brass plug stamped "I H C RM" | 1059.35 |
| | 17 | 4.8 | Villisca, 4.2 mi N. of along U.S. Hwy. 71; 10.8 mi S. of Grant; T. 72 N., R. 36 W., near the SE. cor. of sec. 33; 76 ft N. of drive to barnyard; 70 ft W. and 11.4 ft lower than road at culvert; at center of W. concrete headwall; standard tablet stamped "4 DNB 1976" | 1057.807 |
| | 19 | 5.8 | UE 4 DNB A, Villisca, 5 mi N. of; along U.S. Hwy. 71; 10 mi S. of Grant; T. 72 N., R. 36 W., near E. sixteenth cor. secs. 28 and 33; 100 ft E. and 5.3 ft lower than road at fence E.; at right-of-way marker at T-fence E.; top of iron right-of-way marker projecting 1.5 ft above ground | 1059.15 |

CARBON QUAD. - 60

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|--|----|-----|---|----------|
| | 21 | 6.7 | Reference mark, 86 ft E. of tablet; 150 ft N. of milepost 32; 35 ft N., 43 ft E. and 2.1 ft lower than road at entrance E., at center of E. concrete headwall; brass plug stamped "I H C RM" | 1067.27 |
| | 22 | 6.7 | Villisca, 6 mi N. of along U.S. Hwy. 71; 9 mi S. of Grant; T. 72 N., R. 36 W., near quarter cor. secs. 21 and 28; 655 ft S. of T-rd. W., (jct. U.S. Hwy. 71 and State Hwy. H-34), 150 ft N. of milepost 32; 35 ft N., 43 ft W. and 1.2 ft lower than road at entrance E.; at center of W. concrete headwall; standard tablet stamped "5 DNB 1976" | 1066.295 |

LINE 2

FEET

D.N. Burgeson, 1976; Book CV-3342

STANTON QUAD. - 40 IA.

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|----|-----|-----|--|----------|
| 8 | 5 | 0.0 | BM, 0.8 mi W. along the Chicago, Burlington & Quincy RR. from the station at Stanton, Montgomery County, at underpass 436.11, at the NE. corner of the E. concrete abutment, in the center of the top of the second tier, 9 ft N. of the centerline of the N. track, and 1.5 ft lower than the track, a standard USC&GS disk stamped "J 108 1935". | 1191.336 |
| 6 | 0.7 | | Stanton, 0.5 mi S. and 2 mi W. of; 16.5 mi N., 1 mi E. of Yorktown; T. 71 N., R. 38 W., about 610 ft W. of cor. secs. 4, 5, 8 and 9; 20 ft N. and 1.7 ft lower than road at culvert, 0.4 ft S. of the N. end of a 24-in. steel corrugated culvert; punched hole | 1171.10 |
| 8 | 1.5 | | UE, Stanton, 0.5 mi S. and 2 mi W. of; 16.5 mi N. and 1 mi E. of Yorktown; T. 71 N., R. 37 W., near cor. secs. 7 and 8; 24 ft N., 23 ft W. and 3.3 ft lower than crossroads; 0.4 ft from the W. end of a 20-in. concrete culvert; chiseled square | 1246.63 |
| 10 | 2.5 | | UE, punched hole, Stanton, 1.5 mi S. and 2 mi W. of; 15.5 mi N. and 1 mi E. of Yorktown; T. 71 N., R. 37 W. near cor. of secs. 7, 8, 17 and 18; 19 ft N., 24 ft W. and 1.6 ft lower than crossroad; 0.4 ft from the N. end of a 24-in. steel corrugated culvert; punched hole | 1236.53 |
| 12 | 3.5 | | Stanton, 2.5 mi S. and 2 mi W. of; 14.5 mi N. and 1 mi E. of Yorktown; T. 71 N., R. 37 W. near cor. secs. 17, 18, 19 and 20; 545 ft N. of crossroad, 55 ft S., 39 ft W., 4.5 ft lower than road at drive W. to farmhouse; 7 ft SE. of power pole #557, standard tablet on copper coated steel rod driven to 10 ft and 0.1 ft below ground level stamped "11 DNB 1976" and encased in a 6-in. clay tile | 1203.190 |
| 13 | 3.5 | | Reference mark; 60 ft S. of tablet; 14 ft N. and 23 ft W. of drive to barnyard; 0.2 ft from N. end of an 18-in. concrete culvert; chiseled square | 1196.84 |
| 16 | 4.3 | | UE 11 DNB A, Stanton, 3.25 mi S. and 2 mi W. of; 13.75 mi N. and 1 mi E. of Yorktown, T. 71 N., R. 37 W., near S. sixteenth cor. secs. 19 and 20, 285 ft N. of T-rd. E., 22 ft W. and 7.6 ft lower than road at culvert; 0.2 ft from W. end of a 7.5 ft steel corrugated culvert; punched hole | 1142.73 |
| 19 | 4.7 | | UE 11 DNB B, Stanton, 3.75 mi S. and 2 mi W. of; about 13.25 mi N. and 1 mi E. of Yorktown, T. 72 N., R. 37 W., near N. sixteenth cor. secs. 29 and 30, 670 ft S. of a T-rd. W., 14 ft N., 22 ft W. and 1.2 ft lower than drive W. to a concrete block garage at a farm house; on the N. end of a 12-in. concrete culvert; chiseled square | 1231.00 |
| 21 | 5.5 | | UE 11 DNB C, Stanton, 4.5 mi S. and 2 mi W. of; 12.5 mi N. and 1 mi E. of Yorktown; T. 71 N., R. 37 W. near cor. secs. 29, 30, 31 and 32; 120 ft N., 23.5 ft W. and 6.5 ft lower than crossroad, 0.2 ft from W. end of a 36-in. concrete culvert; chiseled cross | 1173.29 |
| 25 | 6.5 | | Stanton, 5.5 mi S. and 2 mi W. of, 11.5 mi N. and 1 mi E. of Yorktown, T. 71 N., R. 37 W. at the SW. cor. sec. 32; 24 ft N., 40 ft E. and 1.4 ft lower than drive E., 8 ft N., 3.5 ft E. of fence corner; standard tablet on copper coated steel rod driven to a depth of 10 ft and encased in 6-in clay tile; stamped "12 DNB 1976" | 1103.401 |
| 26 | 6.5 | | Reference mark, 22 ft SW. of tablet; 9 ft N., 27 ft E. of road at entrance 0.3 ft S. of N. end of 18-in. concrete culvert; chiseled square | 1101.37 |
| 29 | 7.6 | | UE 12 DNB A, Stanton, 6.5 mi S. and 2 mi W. of; 10.5 mi N. and 1 mi E. of Yorktown; T. 70 N., R. 37 W., near cor. secs. 5, 6, 7 and 8; 29 ft N., 20 ft E. and 1.5 ft lower than crossroad; 0.2 ft from the E. end of a 24-in. steel corrugated culvert; punched hole | 1186.67 |

LINE 2 (Cont'd)

STANTON QUAD. - 40 IA.

FEET

8	32	8.6	UE 12 DNB B, Stanton, 7.5 mi S. and 2 mi W. of; 9.5 mi N. and 1 mi E. of Yorktown, T. 70 N., R. 37 W., near cor. secs. 7, 8, 17 and 18; 155 ft N. of T-rd. W., 155 ft N. of T-rd. W.; 15 ft S., 19.5 ft W. and 0.1 ft higher than road at N. entrance to feedlot W.; 10 ft SW. of power pole No. 1139; 0.2 ft from S. end of an 18-in. steel corrugated culvert; punched hole	1184.04
35		9.6	BM, Stanton, 8.5 mi S. and 2 mi W. of; 8.5 mi N. and 1 mi E. of Yorktown; T. 70 N., R. 37 W. near cor. secs. 17, 18, 19 and 20; 158 ft N. of crossroad; 33 ft E. of road; 1.5 ft E. of fence line and witness post standard tablet on a copper coated steel rod driven to a depth of 15 ft and encased in a 6-in. clay tile; stamped "13 DNB 1976"	1175.237
36		10.6	Reference mark, 137 ft S. of tablet; 24 ft N. and 36 ft E. and 4.2 ft lower than crossroad; 0.7 ft from the N. end of a concrete culvert; chiseled square	1170.87
38		11.6	UE 13 DNB A, Yorktown, 7.5 mi N. and 1 mi E. of, 9.5 mi S. and 2 mi W. of Stanton, T. 70 N., R. 37 W., near cor. secs. 19, 20, 29 and 30; 32 ft N., 25.5 ft W. and 5 ft lower than crossroad; 0.3 ft from W. end of an 18-in. steel corrugated culvert; a punched hole	1192.95
42		12.7	UE B DNB B, Yorktown, 6.5 mi N. and 1 mi E. of; 10.5 mi S. and 2 mi W. of Stanton; T. 70 N., R. 37 W., near cor. secs. 29, 30, 31 and 32; 30 ft S., 17 ft W. and 1.1 ft lower than crossroads; 0.2 ft from the W. end of a 24-in. steel corrugated culvert; a punched hole	1166.72
46		13.9	Reference mark, 64 ft N.-NW. of tablet, 1000 ft S. of T-rd. S., 32 ft W. of road; 2 ft N. and 1.5 ft E. of fence corner post; copper coated steel rod driven flush with ground and encased in a 6-in. clay tile	1085.57
47		13.9	BM, Yorktown, 5.3 mi N. and 1 mi E. of; 11.7 mi S. and 2 mi W. of Stanton, T. 69 N., R. 37 W. near the N. sixteenth cor. secs. 5 and 6, 1052 ft S. of T-rd. S.; 345 ft N. of drive W.; 56 ft S. of a fence line W.; 53 ft W. of road; 2 ft E. of fence line, 1.5 ft E. of witness post standard tablet on a copper coated steel rod driven to a depth of 15 ft and encased in a 6-in. clay tile; stamped "14 DNB 1976"	1094.258
50		14.7	UE 14 DNB A, Yorktown, 4.5 mi N. and 1 mi E. of; 12.5 mi S. and 2 mi W. of Stanton, T. 69 N., R. 37 W., near cor. secs. 5, 6, 7 and 8, 28 ft N., 25 ft E. and 3.2 ft lower than crossroad; 0.4 ft from the E. end of a 36-in. steel corrugated culvert; a punched hole	1091.24
53		15.7	UE 14 DNB B, Yorktown, 3.5 mi N., 0.5 mi E. of 13.5 mi S. and 2 mi W. of Stanton, T. 69 N., R. 37 W., near cor. of secs. 7, 8, 17 and 18, 28 ft S., 25 ft W. and 2 ft lower than crossroad; 0.4 ft from the W. end of a 36-in. steel corrugated culvert; a punched hole	1061.59
57		16.7	Reference mark, 136 ft N. of tablet; 215 ft S. of crossroad; 16 ft S., 27 ft E. of road at drive E.; 0.2 ft from the S. end of a 12-in. steel corrugated culvert; a punched hole	1184.26
58		17.0	BM, Yorktown, 2.5 mi N. and 1 mi E. of, 14.5 mi S. and 2 mi W. of Stanton; T. 69 N., R. 37 W., near cor. secs. 17, 18, 19 and 20; 350 ft S. of crossroad; 152 ft S. of drive E., 38 ft E. of road, 27 ft S. of board fence E. at barnyard; 8.1 ft W. of fence and witness sign; standard tablet on a copper coated steel rod and driven to a depth of 15 ft; encased in a 6-in. clay tile; stamped "15 DNB 1976"	1182.801

LINE 2 (Cont'd)

STANTON QUAD. - 40 IA.

FEET

8 61 18.0 UE 15 DNB A, Yorktown, 1.5 mi N. and 1 mi E. of; 15.5 mi S. and 2 mi W. of Stanton, T. 69 N., R. 37 W., near cor. secs. 19, 20, 29 and 30; 185 ft S. of an E.-W. section line fence; 27 ft W. of road; at steps leading to cemetery, 0.3 ft from the cor. of the top step; chiseled square 1153.59

COIN QUAD. - 19 IA. - 338 MO.

65 19.0 UE 15 DNB B, Yorktown, 0.5 mi N., 0.5 mi E. of; 16.5 mi S. and 1 mi W. of Stanton; T. 69 N., R. 37 W., near the cor. of secs. 29, 30, 31 and 32; 52 ft S. and 42 ft W. of crossroads; on E. side of fence corner post; a RR. spike 1098.25

67 19.6 UE 15 DNB C, Yorktown, 1 mi E. of; 17.5 mi S. and 1 mi W. of; T. 70 N., R. 37 W., near quarter cor. of secs. 31 and 32; 39 ft N., 16 ft E. and 2.7 ft lower than T-rd. W., at center of a 7 ft concrete box culvert; chiseled cross 1072.67

69 20.3 BM, At Yorktown, Page County, on the abandoned Chicago, Burlington & Quincy RR., opposite trestle 230.31, midway between poles 230+11 and 230+12, at a road crossing, 114 ft NE. of the centerline of the road, 87 ft SE. of the center line of the old roadbed, at a 9 by 5 ft concrete box culvert; in the center of the top of the N. headwall, and 4 ft lower than the old roadbed, a standard USC&GS disk stamped "D 107 1935" 1039.398