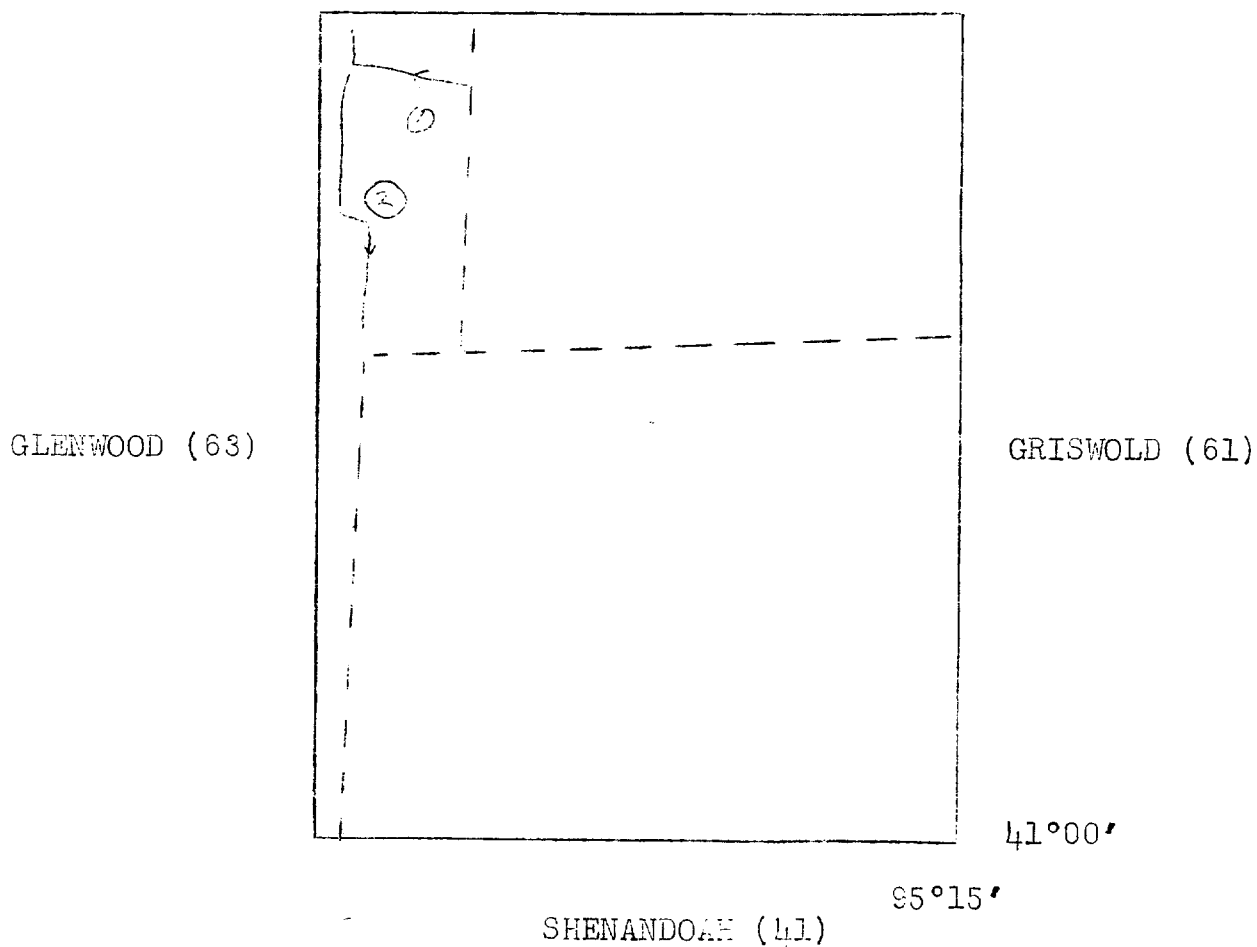


62
MACEDONIA QUADRANGLE

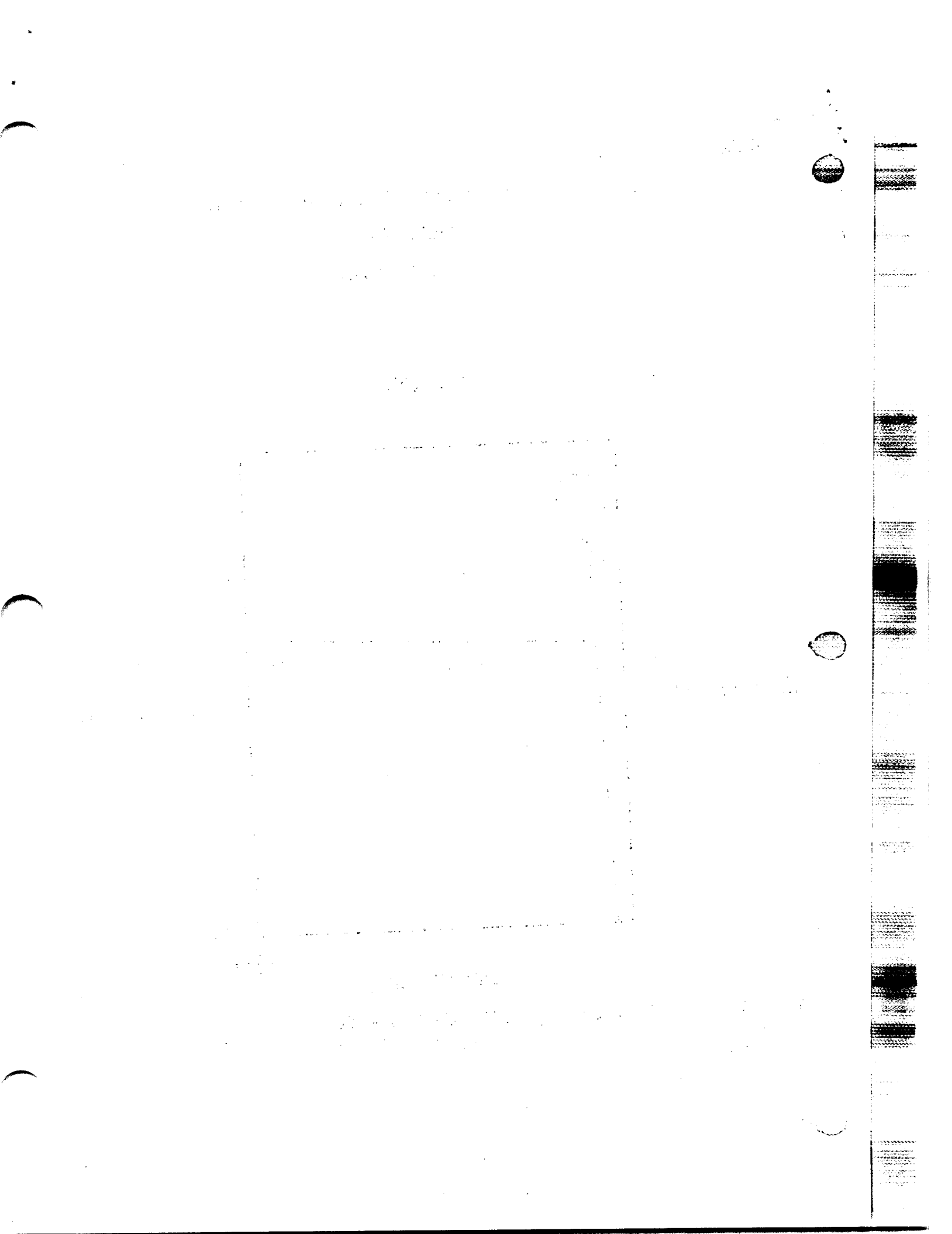
IOWA

UNITED STATES DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY
1929 G.A.

AVOCA (84)



LINES 1 - 2 = R.E. Carey, 1955; Book CV-676



LINE 1.

FROM A POINT IN NORTHWEST PORTION OF QUADRANGLE, WEST AND NORTH INTO
NEOLA QUADRANGLE (R.E. Carey, 1955; Book CV-676)

- 0.0 Carson, 0.2 mi S. and 1.0 mi W. of, 190 ft N.
and 130 ft W. of crossroads which are near cor.
secs. 3, 4, 9 and 10, T. 74 N., R. 40 W., at
NW. corner of farmhouse of Mrs. Bertha Rath,
in the NW. corner of concrete walk, standard
USC&GS tablet stamped "J 1149 RESET 1955"
NOTE: Tablet reset by USGS 1955 and new
elevation and description by that agency
(See Line 34) 1151.170
- 0.5 T. 74 N., R. 40 W., near quarter corner between
secs. 3 and 4, centerline of bridge; copper
nail and washer (24.2 ft above water level) 1112.0
- 0.9 Tps. 74 and 75 N., R. 40 W., near cor. secs.
3, 4, 33 and 34, centerline of crossroads 1173.3
- 1.5 Tps. 74 and 75 N., R. 40 W., about 0.1 mi W.
corner between secs. 4 and 33, centerline of
rd. at private drive N. 1213.1
- 1.8 Tps. 74 and 75 N., R. 40 W., near cor. secs. 4,
5, 32 and 33, centerline rd. at T-rd. N. 1203.7
- 2.2 R.M., about 230 ft E. of tablet, 25 ft S.
centerline rd. in root on NW. side of a 12-in.
maple tree; copper nail and washer, painted
"R.M." 1271.62
- 2.2 Carson, 0.8 mi N. and 2.5 mi W. of, about 0.1 mi
E. quarter corner between secs. 5 and 32, Tps.
74 and 75 N., R. 40 W., 24 ft S. and 54 ft E.
of private drive S. and field drive N., 1 ft N.
of fence line, in concrete post; standard tablet
stamped "79 RC 1955 1273" 1272.563
- 2.9 Tps. 74 and 75 N., R. 40 W., near cor. secs.
5, 6, 31 and 32, centerline of crossroads 1190.7
- 3.2 Tps. 74 and 75 N., R. 40 W., about 0.15 mi E.
quarter corner between secs. 6 and 31,
centerline bridge; copper nail and washer
(10.1 ft above water level 6/20/55) 1185.2

LINE 1. (Continued)

3.9	Tps. 74 and 75 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 31 and 36, 12 ft N., 21 ft E. and 0.5 ft lower than the centerline of crossroads on N. end of pipe culvert	1209.4
4.4	T. 75 N., Rs. 40 and 41 W., near quarter corner between secs. 31 and 36, centerline of rd. at E.-W. fence line	1242.2
4.9	Centerline of crossroads, 32 ft S. and 188 ft E. of "80 RC"	1226.7

LINE 2.

FROM A POINT NEAR THE NORTHWEST CORNER OF QUADRANGLE SOUTH TO NEAR CENTER OF WEST BORDER (R.E. Carey, 1955; Book CV-676)

0.0	Tps. 74 and 75 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 31 and 36, 12 ft N., 21 ft E. and 0.5 ft lower than the centerline of crossroads on N. end of pipe culvert (mentioned in Line 1.)	1209.4
0.4	T. 74 N., Rs. 40 and 41 W., near quarter corner between secs. 1 and 6, centerline rd. at private drive W.	1243.9
1.0	T. 74 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 7 and 12, centerline County Rd. 100 at crossroads	1229.1
1.2	Rd. at crest	1234.6
1.5	T. 74 N., Rs. 40 and 41 W., near quarter corner between secs. 7 and 12, low spot in rd. at E.-W. fence line	1198.4
1.9	Carson, 1.0 mi S. and 4.0 mi W. of, 2.0 mi N. and 4.0 mi W. of Macedonia, 342 ft N. and 20 ft W. of N end bridge over Creek, which is near cor. secs. 7, 12, 13 and 18, T. 74 N., Rs. 40 and 41 W., 3 ft N. of a telephone pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "88 RC 1955 1144"	1143.550

LINE 2. (Continued)

1.9	R.M., 342 ft S. and 30 ft E. of tablet, in NE. corner of wooden floor of bridge; copper nail and washer painted "R.M."	1140.88
2.5	T. 74 N., Rs. 40 and 41 W., near quarter corner between secs. 13 and 18, centerline rd. at E.-W. fence line	1213.8
3.0	T. 74 N., Rs. 40 and 41 W., near cor. secs. 13, 18, 19 and 24, centerline of crossroads	1230.1
3.4	T. 74 N., Rs. 40 and 41 W., about 0.15 mi N. quarter corner between secs. 19 and 24, centerline bridge; nail and washer (6.6 ft above water level 6/29/55)	1160.1
4.0	T. 74 N., Rs. 40 and 41 W., near cor. secs. 19, 24, 25 and 30, centerline of County Rd. "A", at T-rd. N.	1236.4
4.2	T. 74 N., R. 40 W., about 0.1 mi W. quarter corner between secs. 19 and 30, centerline of County Rd. "A", at private drive S.	1212.4
4.9	R.M., about 280 ft SW. of tablet, 20 ft S. centerline rd., on S. end of pipe culvert; painted square painted "R.M."	1206.31
4.9	Macedonia, 3.0 mi W. of, 33 ft N. and 470 ft W. of T-rd. W. (Junction County Rd. "A" and "R"), which is near cor. secs. 19, 20, 29 and 30, T. 74 N., R. 40 W., 33 ft N. and 2 ft W. of the centerline of County Rd. "A", at T-fence N., 1 ft S. and 2 ft W. of corner fence post of T-fence N., in concrete post; standard tablet stamped "89 RC 1955 1211"	1210.880
5.0	Centerline N.-S. rd. at T-rd. W., 33 ft S. and 470 ft E. of "89 RC"	1228.6
5.5	T. 74 N., R. 40 W., near quarter corner between secs. 29 and 30, centerline rd. at T-fence E.	1236.6

LINE 2. (Continued)

6.0	T. 74 N., R. 40 W., near cor. secs. 29, 30, 31 and 32, centerline of crossroads	1242.7
6.5	T. 74 N., R. 40 W., near quarter corner between secs. 31 and 32, centerline rd. at E.-W. fence line	1186.0
7.0	Tps. 73 and 74 N., R. 40 W., near cor. secs. 5, 6, 31 and 32, centerline of crossroads	1222.8
7.5	T. 73 N., R. 40 W., near quarter corner between secs. 5 and 6, centerline rd. at private drive W.	1218.1
8.0	Centerline of crossroads near cor. secs. 5, 6, 7 and 8, T. 73 N., R. 40 W., and 33 ft N. and 400 ft W. of USC&GS "G 148"	1172.4
8.1	0.3 mi N. along State Highway 244 from the Citizens Bank at Henderson, thence 2.4 mi W. along County Rd. "U", at the E. point of the triangle formed by the junction of County Rds. "U", "F" and "A", 37 ft NW. of the centerline of County Rd. "U", 33 ft S. of the centerline of County Rd. "A", 3.3 ft E. of a telephone pole, 1.5 ft W. of a reference post and set in the top of a concrete post projecting 0.4 ft above the ground. A USC&GS standard disk stamped "G 148 1949" (Recovered in good condition 6/30/55)	1194.407
0.6	T. 73 N., R. 40 W., near quarter corner between secs. 6 and 7, centerline rd. at T-rd. N.	1164.1
1.1	T. 73 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 7 and 12, centerline rd. at T-rd. S.	1189.1

OFFICE COPY HOLD

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

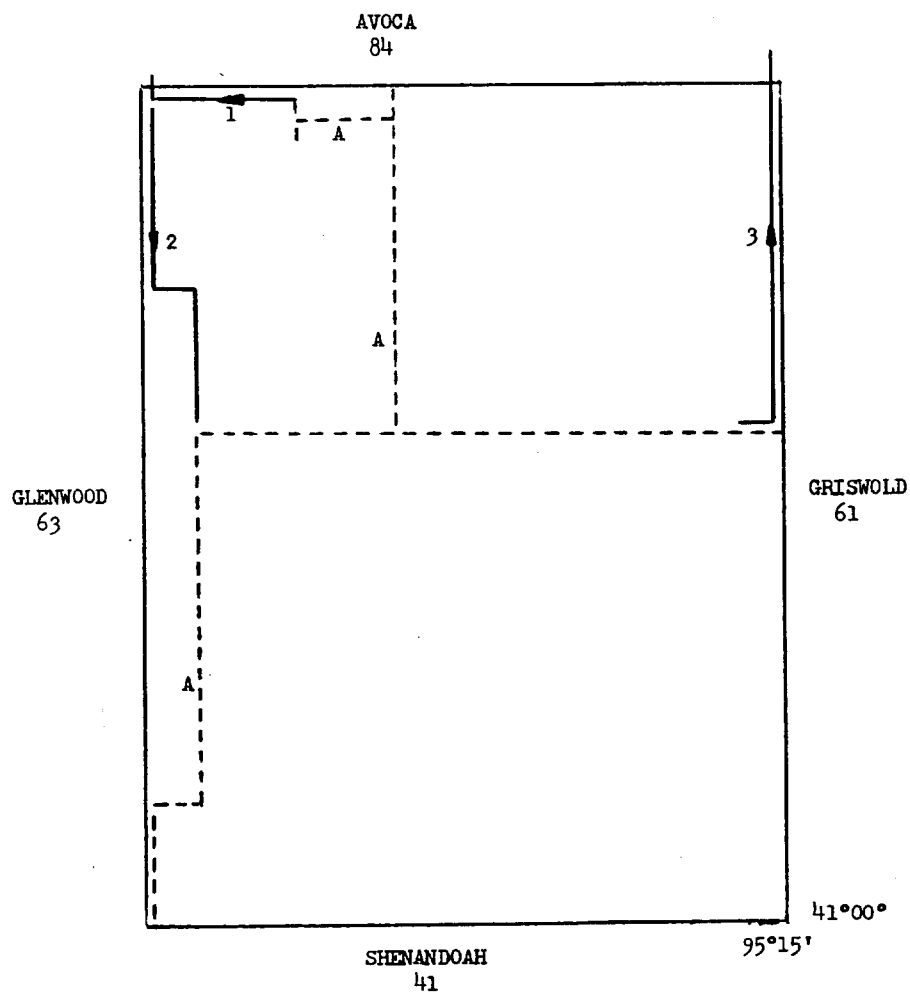
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

41-095-23
MACEDONIA QUADRANGLE
62 - IOWA
N4100-W9515/15
DIAGRAM NK 15-7
OMAHA

Mills, Pottawattamie, Montgomery Counties

Edition of: 5-2-77

PR: ADP/LB/cb



N.G.S. (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle No. 410952

62C

LINE 1

FEET

R.E. Carey, 1955; Book CV-676

MACEDONIA QUAD. - 62

- | | |
|---|----------|
| 0.0 Carson, 0.2 mi S. and 1 mi W. of, 190 ft N. and 130 ft W. of crossroads which are near cor. secs. 3, 4, 9 and 10, T. 74 N., R. 40 W., at NW. corner of farmhouse of Mrs. Bertha Rath, in the NW. corner of concrete walk, standard USC&GS tablet stamped "J 149 RESET 1955" NOTE: tablet reset by USGS 1955 and new elevation and description by that agency) (Reported dest. 6-76, J.L.K.) | 1151.170 |
| 0.5 T. 74 N., R. 40 W., near quarter corner between secs. 3 and 4, centerline of bridge; copper nail and washer (24.2 ft above water level) | 1112.0 |
| 2.2 Carson, 0.8 mi N. and 2.5 mi W. of, about 0.1 mi E. of quarter cor. between secs. 5 and 32, Tps. 74 and 75 N., R. 40 W., 24 ft S. and 54 ft E. of private drive S. and field drive N., 1 ft N. of fence line, in concrete post; standard tablet stamped "79 RC 1955 1273" | 1272.563 |
| 3.2 Tps. 74 and 75 N., R. 40 W., about 0.15 mi E. of quarter corner between secs. 6 and 31, centerline bridge; copper nail and washer (10.1 ft above water level 6-20-55) | 1185.2 |
| 3.9 Tps. 74 and 75 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 31 and 36, 12 ft N., 21 ft E. and 0.5 ft lower than the centerline of crossroads on N. end of pipe culvert | 1209.4 |

LINE 2

R.E. Carey, 1955; Book CV-676

MACEDONIA QUAD. - 62

- | | |
|---|----------|
| 0.0 Tps. 74 and 75 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 31 and 36, 12 ft N., 21 ft E. and 0.5 ft lower than the centerline of crossroads on N. end of pipe culvert | 1209.4 |
| 1.9 Carson, 1 mi S. and 4 mi W. of, 2 mi N. and 4 mi W. of Macedonia, 342 ft N. and 20 ft W. of N. end of bridge over Creek, which is near cor. secs. 7, 12, 13 and 18, T. 74 N., Rs. 40 and 41 W., 3 ft N. of a telephone pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "88 RC 1955 1144" | 1143.550 |
| 1.9 Reference mark, 342 ft S. and 30 ft E. of tablet, in NE. corner of wooden floor of bridge; copper nail and a washer | 1140.88 |
| 3.4 T. 74 N., Rs. 40 and 41 W., about 0.15 mi N. quarter corner between secs. 19 and 24, centerline bridge; nail and washer (6.6 ft above water level 6-29-55) | 1160.1 |
| 4.9 Reference mark, about 280 ft SW. of tablet, 20 ft S. centerline of road, on S. end of pipe culvert; | 1206.31 |
| 4.9 Macedonia, 3 mi W. of, 33 ft N. and 470 ft W. of T-rd. W. (Jet. Co. Rd. "A" and "R"), which is near cor. secs. 19, 20, 29 and 30, T. 74 N., R. 40 W., 33 ft N. and 2 ft W. of the centerline of Co. Rd. "A", at T-fence N., 1 ft S. and 2 ft W. of cor. fence post of T-fence N., in concrete post; standard tablet stamped "89 RC 1955 1211" (Not found 6-76 JLK) | 1210.880 |
| 8.1 0.3 mi N. along State Hwy. 244 from the Citizens Bank at Henderson, thence 2.4 mi W. along County Road "U", at the E. point of the triangle formed by the junction of County Road "U", "F" and "A", 37 ft NW. of the centerline of County Road "U", 33 ft S. of the centerline of County Road "A", 3.3 ft E. of a telephone pole, 1.5 ft W. of a reference post and set in the top of a concrete post projecting 0.4 ft above the ground. A USC&GS disk stamped "G 148 1949" (Recovered in good condition 6-30-55) (Not found 6-76, J.L.K.) | 1194.407 |

LINE 3

FEET

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

MACEDONIA QUAD. - 62

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|----|-----|--|---|----------|
| 6 | 12 | 0.0 | BM, about 0.3 mi S. along a graveled road from the water tower at Elliott, thence 3.7 W. along State Hwy. 48, thence 2 mi W. along County Road A, 204 ft E.-NE. of a road crossing, 100 ft N. of the center of an E.-W. road, 40 ft E.-SE. of the SE. corner of Mr. Gordon Bass farmhouse, 34 ft SW. of the NW. corner of a metal building, 1 ft S. of a powerline pole, 15.5 ft NW. of the center of a concrete cistern, and set in the top of a round concrete post which is flush with the ground, a standard USC&GS disk stamped "T 1-5 RESET 1970" | 1245.692 |
| 14 | 1.0 | UE 1 mi E. of tablet; T. 73 N., R. 38 W., near cor. secs. 5, 6, 7 and 8; 34 ft S., 50.3 ft W. and 1.1 ft higher than crossroad; 0.2 from W. end of a 2 ft steel corrugated culvert; punched hole | 1175.99 | |
| 16 | 1.9 | UE, 1 mi E. and 1 mi N. of tablet; T. 73 and 74 N., R. 38 W., near cor. secs. 5, 6, 31 and 32, 18 ft S., 27.5 ft E. and 2 ft lower than T-rd. E.; 0.5 ft from E. end of a 24-in. concrete culvert; chiseled square | 1174.61 | |
| 22 | 3.0 | Reference mark, 29 ft N., 25 ft E. and 7.3 ft lower than crossroad; 0.3 ft from the E. end of a 20-in. concrete culvert; chiseled cross (+) | 1245.42 | |
| 23 | 3.0 | Elliott, 2 mi N. and 4.5 mi W. of; 10 mi N. and 1 mi W. of red oak; T. 74 N., R. 38 W., near cor. secs. 29, 30, 31 and 32; 191 ft N. of crossroad; 36 ft E. of road; 148 ft N. of fence corner, 9 ft E. of a power pole, 1 ft W. of fence and witness post; standard tablet on a copper coated steel rod driven to a depth of 15 ft stamped "1 DNB 1976" and encased in a 6-in. clay tile | 1253.798 | |
| 25 | 4.0 | UE 1 A, Elliott, 3 mi N. and 4.5 mi W. of; 3 mi S. and 6 mi W. of Griswold; T. 74 N., R. 38 W. near cor. secs. 19, 20, 29 and 30; 21.5 ft S., 23 ft E. and 4.5 ft lower than crossroad; 0.2 ft from E. end of a 24-in. steel corrugated culvert; punched hole | 1213.88 | |
| 27 | 4.0 | UE 1 B, Griswold, 2 mi S. and 6 mi W. of; 4 mi N. and 4.5 mi W. of Elliott; T. 74 N., R. 38 W. near cor. secs. 17, 18, 19 and 20; 94 ft S., 24.5 ft E. and 0.8 ft lower than crossroad; 57 ft S. of a fence corner; 1 ft W. of fence; a copper coated steel rod driven flush with the ground and encased in a 6-in. clay tile | 1281.55 | |
| 30 | 6.0 | Reference mark 1, 75 ft SW. of tablet; 139 ft N., 32 ft W. and 0.6 ft higher than crossroad, 94 ft N. of a fence corner, 0.5 ft E. of a fence; a 5 ft copper coated steel rod driven 0.2 ft below the surface of ground and encased in a 6-in. clay tile | 1282.71 | |
| 31 | 6.0 | EM, Griswold, 1 mi S. and 6 mi W. of; 5 mi N. and 4.5 mi W. of Elliott, 7 mi S., 7 mi E. of junction of U.S. Hwy. 59 and 6, at Oakland, T. 74 N., R. 38 W., near cor. secs. 7, 8, 17 and 18; 189 ft N. of crossroad; 31 ft S. and 24.5 ft E. of road at drive E., to a farm house, standard tablet on a copper coated steel rod driven to a depth of 22 ft stamped "2 DNB 1976", and 4.5 ft N. of a witness post | 1285.929 | |
| 32 | 6.1 | Reference mark 2, 133 ft NW. of tablet; 310 ft N. and 31 ft W. of crossroads; a 5 ft copper coated steel rod driven 0.1 ft below surface of ground and encased in a 6-in. clay tile | 1285.94 | |
| 34 | 7.0 | UE 2 A, Griswold, 6 mi W. of; 6 mi S. and 7 mi E. of the junction of U.S. Hwys. 59 and 6, at Oakland; T. 74 N., R. 38 W. near cor. secs. 5, 6, 7 and 8; at the Pottawattamie Co. maintenance building; 83.5 ft N. and 49.5 ft E. and 1.7 ft lower than crossroads; at center and on S. side of small concrete island for gas pumps; chiseled square | 1261.46 | |

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41-095-23
MACEDONIA QUADRANGLE
62 - IOWA

LINE 3 (Cont'd)

MACEDONIA QUAD. - 62

FEET

- 6 37 8.3 UE 2 B, Griswold, 1 mi N. and 6 mi W. of; 5 mi S. and 7 mi E. of junction of U.S. Hwy.
59 and 6, at Oakland; T. 74 and 75 N., R. 38 W. near cor. secs. 5, 6, 31 and 32, 65 ft
S. of road at drive, 17.5 ft W. of road; at center of a 15 ft concrete headwall; a chisel-
ed square 1273.13
- 38 9.0 BM, Oakland, 3.5 mi S., 7.5 mi E. of, T. 75 N., R. 38 W.; at cor. secs. 29, 30, 31
and 32, 36 ft S., 131 ft E. and 2.2 ft higher than crossroads; 1.5 ft S., 100 ft E.
of a fence corner post, set in a concrete post, a standard tablet stamped "6 KEE 1962" 1301.761