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42-094-14
OTTOSEN QUADRANGLE
225 - IOWA
N4245-W9415/15
DIAGRAM NK 15-4
FT. DODGE

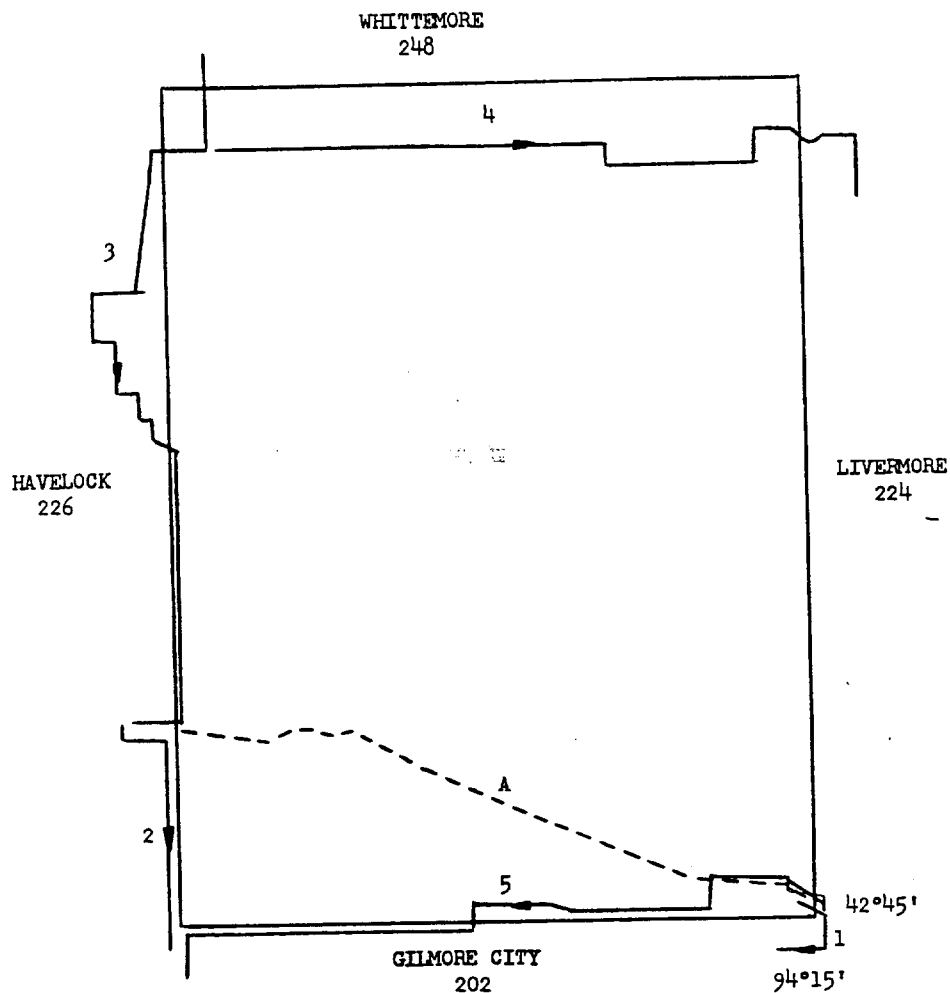
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Palo Alto, Kossuth and Humboldt Counties

Edition: 2-17-77

PR: ADP/cb



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

A. Quadrangle No. 420941

225 - A

FEET

LINE 1

OTTOSEN QUAD. - 225

M.L. Kennedy, 1974; Book CV-3134

- 2 4 0.0 BM, 2 mi SE. along the Chicago & North Western RR. from the station at Rutland, Humboldt County; 110 yards NW. of culvert, 2551, 75 ft NW. of a county-road crossing, 44.2 ft NE. of the NE. rail, and 4.5 ft SW. of a right-of-way fence corner, a standard USC&GS disk stamped "T 27 1934" and set in the top of a concrete post projecting about 4-in. above the ground 1128.452
- 6 0.8 UE T 27 A, 0.7 mi SE. along road from tablet, 48 ft E., 13 ft S. and normal to field road crossing RR. track on the S. stone headwall of a RR. culvert, a chiseled pentagon 1124.48
- 8 1.0 UE T 27 B, 1 mi S. and E. along roads from tablet, 25 ft S., and 26 ft E. from centerline of road at E.-W. fence on the S. end of a culvert, under a field entrance E., near the top of a hill; a chiseled square 1140.29

GILMORE CITY QUAD. - 202

- 12 2.0 UE T 27 C, 1.9 mi S. along roads from tablet at a bridge over the W. branch of a bridge on the N. edge of the SW. wingwall, a chiseled square 1086.43

LINE 2

HAVELOCK QUAD. - 226

M.L. Kennedy, 1974; Book CV-3134

- 3 0.6 BM, 0.3 mi E. along the Chicago & North Western RR. from the station at Rolfe, 37 yards NW. of the E. end of a side track, 82.5 ft NE. of a county road crossing, 45 ft N. of the N. rail, 41 ft E. of a right-of-way fence corner, and 1.5 ft S. of the fence, a standard USC&GS disk, stamped "K 27 1934" and set in the top of a concrete post projecting 4-in. above the ground 1180.172
- 4 0.6 UE K 27 A, 0.35 mi S. along road from tablet, 45 ft E. and 40 ft S. from centerline of crossroads on the NW. cor. of a concrete base for the NW. corner post of the Clinton Garfield cemetery, a chiseled square 1174.30
- 5 1.6 Centerline of roads 1183.3
- 8 2.6 UE K 27 C, 0.35 mi S., 1 mi E. and 1 mi S. from tablet along roads near the cor. of secs. 9, 10, 15 and 16, T. 92 N., R. 31 W., 41 ft W., 24 ft N. and ft lower than centerline of crossroads on E. end of corrugated metal pipe culvert; a punched hole 1186.31
- 11 3.5 Reference mark, 43 ft E. of tablet on the E. end of S. one of two large concrete culverts; 20 ft E. of centerline of road; a chiseled square 1181.58
- 12 3.5 BM, Gilmore City, 3 mi N. and 3 mi W. along roads from the cor. of secs. 15, 16, 21 and 22, T. 92 N., R. 31 W., 23 ft W. of centerline of road on the W. end of the N. one of two large concrete culverts, a standard tablet embedded in concrete stamped "11 MK 1974" 1181.883
- 15 5.7 UE 11 MK A, 1.14 mi S. along road from tablet near the cor. of secs. 21, 22, 27 and 28, T. 92 N., R. 31 W., 44 ft W. and 32 ft S. of centerline of crossroads atop a copper coated steel rod painted white 1 ft NE. of a fence post, 3 ft SE. of a utility pole 1195.70

MANSON QUAD. - 203

- 17 5.7 UE 11 MK B, 2.2 mi S. along road from tablet near the cor. of secs. 27, 28, 33 and 34, T. 92 N., R. 31 W., 164 ft E. and 29 ft N. of centerline of crossroads on the E. end of a concrete culvert under a driveway; a chiseled square 1204.44
- 19 6.7 BM, Gilmore City, 3 mi W. along road from near the cor. of secs. 33 and 34, T. 92 N., R. 31 W., and secs. 3 and 4, T. 91 N., R. 31 W., 87 ft E., 49 ft N. and 4 ft lower than centerline of crossroads on the SW. portion of a concrete catch basin, a standard tablet embedded in concrete stamped "12 MK 1974" 1187.040
- 20 6.7 Reference mark, 141 ft E. from tablet, 43 ft N. and 10 ft W. of centerline of road at drive on W. end of concrete culvert; a chiseled square 1188.89

FEET

LINE 3

WHITTEMORE QUAD. - 248

C.D. Lien, 1976; Book CV-3330

- 4 31 5.5 BM, Mallard, at the junction of State Hwy. 4 and county road B 63, 5 mi N., 10 mi E. of; T. 95 N., R. 31 W. sec. cors. 26, 27, 34 and 35, 33 ft S., 33 ft E. of, and 3.2 ft lower than crossroads, 3 ft S., 1 ft E. of a telephone pole, set on top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in tile set flush with ground, a standard tablet stamped "21 CDL 1976" 1177.524
- 32 5.6 Reference mark, 291 ft S., 15.6 ft W. of crossroads and 258 ft S., 48.6 ft W. of tablet, a chiseled square on a concrete culvert 1177.15

OTTOSEN QUAD. - 225

- 35 6.7 UE 21 A, 1.15 mi S. along road from tablet, T. 94 N., R. 31 W., near the N. sixteenth cor. between secs. 2 and 3, 84 ft N., 18 ft W. of; and 3.9 ft lower than road at R.R. crossing; a chiseled square on a concrete culvert 1163.37
- 37 7.5 UE 21 B, 2 mi S. along road from tablet, T. 94 N., R. 31 W., sec.cors. 2, 3, 10 and 11, 21 ft N., 15 ft E. of; and 1.2 ft lower than crossroads, a chiseled square in the center top of a concrete box culvert 1161.180

HAVELOCK QUAD. - 226

- 40 8.8 BM, Mallard, at the junction of State Hwy. 4 and county road B 63, 3 mi N., 8.75 mi E. of; T. 94 N., R. 31 W., near the W. sixteenth cor. between secs. 4 and 9, 36 ft S. 43 ft E. of; and 3.3 ft lower than T-rd. S., 3 ft W. of a telephone pole and 1 ft N. of a right-of-way fence set on top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in. tile set flush with ground, a standard tablet stamped "22 CDL 1976" 1167.548
- 44 10.2 UE 22 A, 1.5 mi S. along road from tablet, a chiseled square in the centerline of crossroads 1167.0
- 47 11.2 UE 22 B, 2.5 mi S. along road from tablet, T. 94 N., R. 31 W. near the center of sec. 21, 36 ft S., 22 ft E. of; and 3.9 ft lower than T-rd. E., a chiseled square on the top of a concrete culvert 1159.70
- 49 12.1 Mallard, at the junction of State Hwy. 4 and county road B 63; 8.1 mi E. of; T. 94 N., R. 31 W., near sec. cors. 20, 21, 28 and 29, 627 ft E. of a steel bridge over the Des Moines River, 9 ft S., 39 ft W. of, and 0.6 ft higher than the center of a steel bridge, cemented in the SW. cor. of bridge, a standard tablet stamped "23 CDL 1976" 1154.691
- 50 12.1 Reference mark, 22 ft N., 30 ft W. of W. end of bridge and 31 ft N., 30 ft W. of tablet, a chiseled square on a rock 1150.80
- 52 12.7 UE 23 A, 0.6 mi W. along road from tablet, T. 94 N., R. 31 W., near the quarter cor. between secs. 20 and 29, 16 ft S., 285 ft E. of and 17 ft lower than crossroads a chiseled square in the top of the SE. cor. of a concrete box culvert 1149.47
- 56 13.7 UE 23 B, 0.7 mi W. and 1 mi S. along road from tablet, T. 94 N., R. 31 W. quarter cor. between secs. 29 and 32, 48 ft N., 19 ft E. of; and 1.2 ft lower than T-rd. N. a chiseled square on the top of a concrete culvert 1174.72
- 59 15.2 Reference mark, 11.3 ft N., 1.7 ft W. of tablet and 10 ft N., 1.3 ft E. of a fence cor. a chiseled square on a rock 1176.57

HAVELOCK QUAD. - 226

FEET

LINE 3 (Cont'd)

- 4 60 15.2 BM, Mallard, at the junction of State Hwy. 4 and county road B 63, 2 mi S., 8 mi E. of; and Plover, 2 mi N., 5 mi E. of; T. 93 N., and T. 94 N., R. 31 W., sec. cors. 4, 5, 32 and 33, 31 ft N., 33 ft E. of; and 2.2 ft lower than crossroads, 1.3 ft S., 3 ft E. of a fence corner and 5.7 ft E. of a power pole, set on the top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in. tile set flush with ground, a standard tablet stamped "24 CDL 1976" 1176.422
- 63 16.4 UE 24 A, 0.6 mi S., 0.5 mi E. along road from tablet, T. 93 N., R. 31 W. near the center of sec. 4, 9.8 ft S., 13 ft E. of; and 0.3 ft higher than centerline of bridge; on top of bolt in the SE. cor. of bridge 1173.17
- 65 17.3 UE 24 B, 1 mi S., 1 mi E. along road from tablet, T. 93 N., R. 31 W., sec. cors. 3, 4, 9 and 10, 24 ft N., 21 ft W. of; and 0.8 ft lower than T-rd. S. and 2 ft S., 17 ft W. of a fence corner on top of a 0.25 in. rod in the top of a concrete right-of-way post 1171.00

OTTOSEN QUAD. - 225

- 68 18.3 Plover, 6 mi E. of, at the junction of State Hwy. 15 and county road C 15, T. 93 N., R. 31 W. sec. cors. 9, 10, 15 and 16, 81 ft N., 54 ft E. of; and same elev. as crossroads, 3 ft S. of a power pole, set on top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in. tile which is set flush with ground, a standard tablet stamped "25 CDL 1976" 1182.986
- 69 18.3 Reference mark, top of a state hwy. nail in the center of a chiseled square in centerline of crossroads 1183.01
- 71 19.3 UE 25 A, 1 mi S. along road from tablet, T. 93 N., R. 31 W., sec. cors. 15, 16, 21 and 22, 63 ft N., 22 ft E. of; and 1.6 ft lower than crossroads and 0.5 ft N. of a white metal post on top of a 0.25-in. rod in the top of a concrete right-of-way post 1179.07
- 75 20.3 UE 25 B, 2 mi S. along road from tablet, T. 93 N., R. 31 W., sec. cors. 21, 22, 27 and 28, 25 ft N., 27 ft W. of; and 2.4 ft lower than crossroads and 3.6 ft S., 3.6 ft E. of a telephone pole, a chiseled square on a rock 1180.46
- 78 21.3 UE 25 C, 3 mi S. along road from tablet, T. 93 N., R. 31 W., sec. cors. 27, 28, 33 and 34, 24 ft S., 48 ft E. of; and 2.9 ft lower than crossroads and 24 ft S., 13 ft W. of road at field entrance S. a punched hole in a metal culvert 1188.57
- 79 21.7 Reference mark, 17 ft N., 7 ft E. of S. end of bridge and 18 ft S., 7 ft E. of centerline of bridge, on top of a bolt last bolt in SE. cor. of bridge 1147.74
- 80 21.7 Plover, 3.3 mi S., 6 mi E. of; T. 93 N., R. 31 W., near the N. sixteenth cor. between sec. 33 and 34, 9 ft S., 33 ft E. of the SE. end of bridge, 2.4 ft S., 1.1 ft W. of a fence corner and 16 ft S. of S. bank of Beaver Creek, set on top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in. tile set flush with ground, a standard tablet stamped "26 CDL 1976" 1140.092
- 5 3 22.4 UE 26 A, 0.7 mi S. along road from tablet, T. 92 and 93 N., R. 31 W., sec. cors. 3, 4, 33 and 34, 21 ft S., 45 ft W. of; and 3.3 ft lower than crossroads and 21 ft S., 12 ft E. of road at a field entrance S., a chiseled square on a concrete culvert 1169.64
- 4 22.9 UE 26 B, 1.25 mi S. along road from tablet, a chiseled square in the centerline of crossroads 1192.7

HAVELOCK QUAD. - 226

- 7 24.3 At Rolfe in front of the Chicago and North Western R.R. station, opposite door, in concrete curb of the platform, 2.6 ft N. of the N. rail and about 1 ft above ground, a standard monel metal rivet NOTE: A trailer house is now being used as R.R. station 1185.588

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FEET

LINE 4

OTTOSEN QUAD. - 225

C.D. Lien, 1976; Book CV-3330

			1161.180
5	48	0.0 UE 21 B (Described in Line 3)	
50	1.0	UE 21 C, 1 mi E. along road, T. 94 N., R. 31 W., near sec. cors. 1, 2, 11 and 12, 7.5 ft S., 21 ft E. of; and 0.8 ft higher than centerline of bridge, a chiseled square on the SE. cor. of bridge	1162.47
53	2.0	West Bend, 1 mi N. of; T. 94 N., R. 30 and 31 W., sec. cors. 1, 6, 7 and 12, 30 ft N., 57 ft E. of; and 2 ft lower than crossroads, 1 ft W. of a fence corner and 3 ft N. of a telephone pole, set on top of a 0.5-in. copper coated steel rod which is enclosed by a 6-in. tile set flush with ground, a standard tablet stamped "30 CDL 1976"	1204.556
54	2.0	Reference mark, 6 ft N. of tablet, 6 ft N., 1 ft W. of a fence corner and 0.2 ft N. of an iron witness post painted orange on top of a 0.5-in. rod in top of a concrete right-of-way post	1205.04
55	3.0	UE 30 A, 1 mi E. along road from tablet, a copper nail and washer in centerline of crossroads	1170.8
58	4.0	UE 30 B, 1.9 mi E. along road from tablet, T. 94 N., R. 30 W., near sec. cors. 4, 5, 8 and 9, 13 ft N., 30 ft E. of; and 0.2 ft lower than centerline of bridge and 13 ft N., 21 ft W. of centerline of road at a drive N., a chiseled square in the NE. cor. of bridge	1154.19
60	5.0	UE 30 C, 3 mi E. along road from tablet, on top of a spike in centerline of crossroads	1172.0
61	5.6	West Bend, 1 mi N., 3.5 mi E. of; T. 94 N., R. 30 W. near the quarter cor. between secs. 3 and 10, 33 ft S., 15 ft W. of; and 4.1 ft lower than centerline of road at drain and 33 ft S., 27 ft E. of centerline of road at a field entrance S. cemented in a concrete foundation of an old spillway, a standard tablet stamped "31 CDL 1976"	1150.389
62	5.6	Reference mark, 12 ft N. of centerline of road at drain and 45 ft N., 15 ft E. of tablet, a chiseled square in the center of a headwall for a concrete box culvert	1154.07
64	6.0	UE 31 A, 0.4 mi E. along road from tablet, T. 94 N., R. 30 W., secs. 2, 3, 10 and 11, 33 ft N., 21 ft E. of and 2.3 ft lower than crossroads, and 1 ft N., 0.5 ft W. of a fence corner on top of a 0.5-in. steel rod which projects 0.3 ft above ground	1160.06
66	7.0	UE 31 B, 1.4 mi E. along road from tablet, T. 94 N., R. 30 W. sec. cors. 1, 2, 11 and 12, 33 ft N., 29 ft E. of; and 2.6 ft lower than crossroads, and 3.6 ft N. of a fence corner, a chiseled square on a rock	1150.75
70	8.3	BM, West Bend, 0.75 mi N., 6 mi E. of; T. 94 N., R. 29 and 30 W., near the N. sixteenth cor. between secs. 7 and 12, 39 ft S., 14 ft W. of; and 0.8 ft higher than centerline of bridge and 18 ft N., 14 ft W. of centerline of road at a field entrance W. cemented in the SW. cor. of a concrete bridge, a standard tablet stamped "32 CDL 1976"	1143.869
71	8.3	Reference mark, 15 ft N., 36 ft W. of centerline of road at a field entrance W. and 21 ft W. of tablet, a punched hole in a metal culvert	1139.14

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OTTOSEN QUAD. - 225

FEET

LINE 4 (Cont'd)

- 5 74 9.5 UE 32 A, 0.25 mi S., 1 mi E. along road from tablet, T. 94 N., R. 29 W., quarter cor. between secs. 7 and 8, 42 ft S., 39 ft W. of; and 3.1 ft lower than crossroads and 15 ft N., 39 ft W. of centerline of road at a field entrance W., a punched hole in a metal culvert 1149.19
- 77 10.5 UE 32 B, 0.25 mi S., 2 mi E. of along road from tablet on top of a spike in the centerline of crossroads 1152.4
- 80 11.7 Reference mark, 15 ft N., 15 ft W. of centerline of road, at field entrance W. and 69 ft S., 15 ft W. of centerline of bridge, a punched hole in a metal culvert 1127.02
- 6 1 11.7 BM, West Bend, 0.5 mi N., 9 mi E. of; T. 94 N., R. 29 W., near the quarter cor. between secs. 9 and 10, 0.16 mi N. of crossroads, 9 ft N., 9 ft E. and 0.8 ft higher than centerline of bridge and 81 ft S., 9 ft E. of centerline of road at drive E., cemented in the NE. cor. of a bridge, a standard tablet stamped "33 CDL 1976" 1129.959
- 3 12.2 UE 33 A, 0.5 mi N. along road from tablet, T. 94 N., R. 29 W. near the S. sixteenth cor. between secs. 3 and 4, 33 ft S., 29 ft E. of and 2.3 ft lower than T-rd. E. on top of a 0.5-in. steel rod which projects 0.2 ft and sets at the outside of a fence corner 1147.18

LIVERMORE QUAD. - 224

- 5 13.3 UE 33 B, 0.5 mi N., 1.1 mi E. along road from tablet, T. 94 N., R. 29 W., near sec. cors, 2, 3, 10 and 11, 69 ft N., 28 ft W. of; and 7.5 ft lower than centerline of road projecting a T-rd. E., a punched hole in metal culvert 1124.29
- 11 16.0 BM, St. Joseph, 3 mi N. from along U.S. Hwy. 169, 6.5 mi S. of Algona; T. 94 N., R. 29 W., about 400 ft S. of quarter cor. secs. 13 and 14, 21 ft E. of center of U.S. Hwy. 169 at culvert; on N. end of E. headwall of concrete culvert; a standard cap stamped "3 WEK 1972" 1099.658

LINE 5

OTTOSEN QUAD. - 225

C.D. Lien, 1976; Book CV-3330

- 6 14 0.0 BM, 2 mi SE. along the C. and N.W. R.R. from the station at Rutland, Humboldt county, 110 yards NW. of culvert 2551, 60 ft N., 34 ft W. of road at R.R. crossing, and 4.5 ft SW. of a right-of-way fence corner set on top of a concrete post which projects 0.2 ft above ground, a standard UC&GS disk stamped "T 27 1934" 1128.452
- 14 0.9 UE 27 A, 0.8 mi NW. along road from tablet, a copper nail and washer centerline of crossroads 1130.4
- 16 1.9 UE T 27 B, 0.8 mi NW. and 1 mi W. along road from tablet, a copper nail and washer centerline of road at T-rd. N. 1124.8
- 19 2.8 Rutland, 0.8 mi S. of; T. 92 N., R. 29 W., near the SE. cor. of sec. 29, 300 ft S., 84 ft E. of and 3.9 ft higher than centerline bridge over the W. branch of the Des Moines River, 72 ft S., 84 ft E. of a T-rd. W. and 11 ft N., 15 ft W. of the NW. cor. of an old abandoned weight station cemented in the NW. cor. of a concrete drive to old weight station, a standard tablet stamped "34 CDL 1976" 1103.961
- 20 2.8 Reference mark, 18 ft S., 36 ft W. of a T-rd. W., 228 ft S., 36 ft W. of centerline of bridge, and 54 ft N., 120 ft W. of tablet, a chiseled square on a concrete culvert 1101.66

OTTOSEN QUAD. - 225

FEET

LINE 5 (Cont'd)

6	21	3.5	UE 34 A, 0.75 mi W. along road from tablet, a R.R. spike in the centerline of road at N.-S. fence lines	1106.0
23	4.6		BM, Rutland, 0.8 mi S., 1.8 mi W. of; T. 92 N., R. 29 and 30 W., near the quarter cor. between secs. 25 and 30, 25 ft N., 70 ft W. of; and 0.5 ft lower than crossroads and 0.6 ft N., 40 ft W. of a fence corner set in the top of a concrete post which projects 0.2 ft, a standard tablet stamped "TT 6 C 1936"	1109.08
24	4.6		Reference mark, 41 ft S., 130 ft W. of tablet and 16 ft S., 18 ft W. of centerline of road at a private drive N., a chiseled square on a rock	1109.37
27	5.6		UE TT 6 C A, 1 mi W. along road from tablet, T. 92 N., R. 30 W. near the quarter cor. between secs. 25 and 26, 95 ft S., 18 ft W. of; and 2.9 ft lower than T-rd. S., a chiseled square on a concrete culvert	1137.48
29	6.6		UE TT 6 C B, 2 mi W. along road from tablet, T. 92 N., R. 30 W., near the quarter cor. between secs. 26 and 27, 33 ft S., 45 ft E. of; and 2 ft lower than crossroads and 0.8 ft N. of a power pole, on top of a 0.5-in. steel rod which projects 0.2 ft	1145.32
31	7.6		UE TT 6 C C, 3 mi W. along road from tablet, T. 92 N., R. 30 W., near the quarter cor. between secs. 27 and 28, 24 ft N., 36 ft E. of; and 2.8 ft lower than T-rd. E. a chiseled square on a concrete culvert	1155.09

GILMORE CITY QUAD. - 202

34	8.1		BM, Rutland, 1.3 mi S., 4.75 mi W. of; and Gilmore City, 1 mi N., 3 mi E. of; T. 92 N., R. 30 W. sec. cors. 27, 28, 33 and 34, 22 ft N., 30 ft E. of; and 2.3 ft lower than T-rd. W., 0.8 ft S. of a power pole and 0.8 ft W. of a right-of-way fence set on top of a 0.5-in. copper coated steelrod set inside a 6-in. tile set flush with ground, a standard tablet stamped "35 CDL 1976"	1153.657
35	8.1		Reference mark, 127 ft S., 27 ft W. of T-rd. W., and 13 ft N., 27 ft W. of centerline of road at a private drive W., a chiseled square on a concrete culvert	1154.69
37	9.1		UE 35 A, 1 mi W. along road from tablet, T. 92 N., R. 30 W., sec. cors. 28, 29, 32 and 33, 21 ft S., 26 ft W. of; and 3 ft lower than crossroads, a chiseled square on a concrete culvert	1163.17
38	10.1		UE 35 B, 2 mi W. along road from tablet, T. 92 N., R. 30 W., sec. cors. 29, 30, 31 and 32, 21 ft S., 28 ft E. of; and 2.5 ft lower than crossroads, a chiseled square on a concrete culvert	1180.77
40	11.2		Reference mark, 15 ft N., 4 ft W. of tablet and 15 ft S., 53 ft E. of a T-rd. E., a chiseled square on a concrete culvert	1215.19
41	11.2		BM, Gilmore City, 1 mi N. of; T. 92 N., R. 30 and 31 W., sec. cors. 25, 30, 31 and 36, 30 ft S., 57 ft E. of; and 1.7 ft higher than T-rd. E. and 1 ft E. of a witness sign, set on top of a 0.5-in. copper coated steel rod set inside a 6-in. tile set flush with ground in the NW. cor. of a cemetery, a standard tablet stamped "36 CDL 1976"	1216.236
43	12.2		UE 36 A, 1 mi W. of tablet, a chiseled square in the centerline of crossroads	1184.0
45	13.2		UE 36 B, 2 mi W. of tablet, T. 92 N., R. 31 W. sec. cors. 26, 27, 34 and 35, 36 ft S., 30 ft W. of; and 2.2 ft lower than crossroad and 3.5 ft S. of a fence corner, a chiseled square on a rock	1209.82

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MANSON QUAD. - 203

FEET

LINE 5 (Cont'd)

6 48 15.2 BM, Gilmore City, 3 mi W. along road from near the cor. of secs. 33 and 34, T. 92 N.,
R. 31 W., and secs. 3 and 4, T. 91 N., R. 31 W., 87 ft E., 49 ft N. and 4 ft lower than
centerline of crossroads on the SW. portion of a concrete catch basin, a standard tablet
embedded in concrete stamped "12 MK 1974" 1187.040