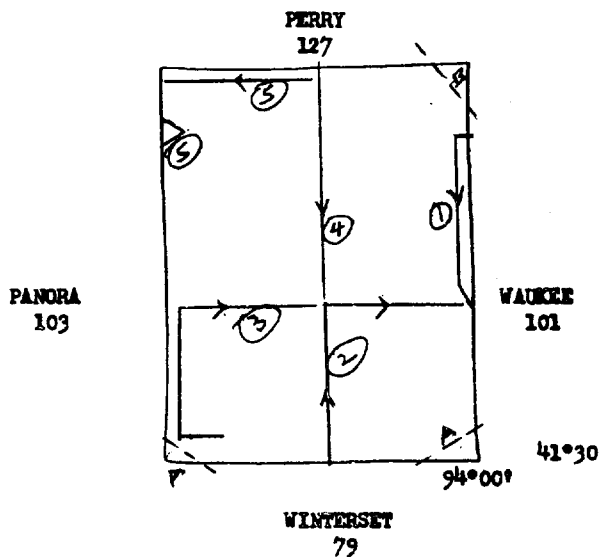


Dallas and Guthrie Counties

Edition of 9/22/60

PR: AH:vdv



USC&GS LEVELING LINES

A. Council Bluffs to Des Moines, Iowa, 1948, 1949, 1950; First-order; Line 19

B. Minneapolis, Minnesota to Glasgow, Missouri, 1930; First-order; Line 53

LINE 1

Feet

FROM A POINT ABOUT 2.0 MILES NORTHWEST OF DALLAS CENTER, SOUTH ALONG EAST BORDER (by R. L. Helcomb, 1948; Book GV-156)

- | | | |
|-----|---|----------|
| 2.8 | Adel Courthouse, 6.8 mi N. of, along Highway 169, thence E. to T-rd. N., about 0.2 mi S. of center of sec. 20, T. 80 N., R. 27 W., 25 ft N. and 51 ft W. from T-rd. N., 15 ft W. of fence corner, on concrete base of fenced post; chisbled square | 1039.97 |
| 3.4 | Adel, 6.5 mi N. of, near NW cor. sec. 29, T. 80 N., R. 27 W., 840 ft S. of T-rd. E., 49 ft E. of center of Hvy. 169, 2 ft S. and 1 ft W. from T-fence E., in concrete post; standard tablet stamped "TT 1 MT 1948" | 1027.557 |
| 2.8 | Reference mark, 800 ft N. of tablet, 23 ft S. and 50 ft E. from center of T-rd. E., RR. iron 6 in. above ground | 1022.21 |
| 4.5 | Adel Courthouse, 6.0 mi N. of, along Hvy. 169, near SW. cor. sec. 29, T. 80 N., R. 27 W., 16 ft N. and 51 ft W. from T-rd. W., 1 ft SW. of fence corner post; RR. iron 6 in. above ground | 1016.3 |
| 4.5 | Adel, 4.5 mi N. of, at crossroads, near NW. cor. sec. 5, T. 79 N., R. 27 W., 52 ft W. of Hvy. 169, 40 ft S. of center of Hvy. 64, 7 ft N. and 6 ft W. from power pole, in concrete post flush with surface of ground; bronze tablet stamped "USC&GS and State Survey No 37" Elev. by USGS | 1024.790 |
| 4.7 | Adel, 4.3 mi N. of, near NW cor. sec. 5, T. 79 N., R. 27 W., 0.2 mi S. of intersection of Hrys. 169 and 64, 50 ft W. of center of Hvy. 169, 30 ft N. and 3 ft W. from power pole, 1 ft E. of fence, in concrete post; standard tablet stamped "TT 2 MT 1948" | 1016.792 |
| 5.8 | Adel Courthouse, 3.7 mi N. of, along Highway 169, 0.3 mi N. of County Old Peoples Farm, 16 ft W. of center of hwy., in headwall of concrete culvert; Iowa Hvy. Commission B.M. | 992.26 |

ADEL QUADRANGLE
102 - IOWA

6.7	Adel, 2.7 mi N. of, near N. cor. sec. 17, T. 79 N., R. 27 W., 480 ft S. and 49 ft E. from crossroads, 39 ft N. of telephone pole, 20 ft N. of gate post, 1 ft N. of fence, in concrete post; standard tablet stamped "TT 3 MT 1948"	986.765
6.7	Reference Mark, 465 ft N. of tablet, in SE. corner crossroads; RR. iron	990.19
7.9	Adel Courthouse, 1.7 mi N. of, along Hwy. 169, 0.4 mi N. of Raccoon River bridge, 13 ft W. of center of hwy., on SW. corner headwall of concrete drain; chiseled square	900.12
8.7	Adel Courthouse, 0.8 mi N. of, along Hwy. 169, 0.5 mi S. of bridge over N. Raccoon River along Hwy. 169, in W. headwall of small concrete culvert; Iowa Hwy. Commission B.M.	894.93
9.5	Adel, in the town of, 37 ft N. of center of E.-W. street, 29 ft W. of N.-S. street (Hwy. 169), 2 ft W. of curb line, in public side walk at SE. corner of courthouse yard, in concrete post $\frac{1}{2}$ in. above the surrounding sidewalk; bronze tablet stamped "USC&GS & State Survey No. 76" Elev. by USGS <i>COULD BE WRONG ELEVATION</i>	890.522
9.5	Reference Mark, Adel Courthouse, 720 ft S. of, along Hwy. 169, at RR. crossing, 18 ft N. of center of tracks, on concrete steps in W. side of street, on bottom step; chiseled square	892.23
10.8	Adel Courthouse, 1.3 mi S. of, on Hwy. 169, near NE. cor. sec. 1, T. 78 N., R. 28 W., 225 ft S. and 21 ft W. from T-rd. W., on concrete headwall of culvert; chiseled square	967.24
11.7	Adel Courthouse, 2.1 mi S. of, along Hwy. 169, near E. quarter cor. sec. 1 T. 78 N., R. 28 W., 45 ft E. of center of rd., in front lawn of white farmhouse between fence and house, in concrete post; standard tablet stamped "RH 1 1948 RESET 1950"	991.620
12.8	Adel Courthouse, 3.2 mi S. of, along Hwy. 169, near center of E. cor. sec. 12, T. 78 N., R. 28 W., 72 ft N. and 135 ft W. from center of hwy. at driveway to large white farmhouse, at center of large curve in highway, in root on SE. side of 15 in. pine tree; copper nail and washer	1014.06
13.6	Adel Courthouse, 4.0 mi S. of, on Hwy. 169, in S. center of SW $\frac{1}{4}$ sec. 7, T. 78 N., R. 27 W., 190 ft N. and 50 ft E. from T-rd. W., 6 ft S. and 7 ft E. from telephone pole, on high bank 5 ft W. of fence line, in concrete post; standard tablet stamped "2 RH 1948"	992.709
13.6	Reference mark, about 200 ft SW. of tablet, in NW. corner of T-rd. W.; 2 in. pipe 9 in. above ground	979.38
14.3	Adel Courthouse, 4.5 mi S. of, along Hwy. 169 to S. Raccoon River bridge, on SE. corner of bridge, on concrete abutment; chiseled square	883.15
14.8	Adel Courthouse, 5.2 mi S. of, along Hwy. 169, DeSoto schoolhouse, 0.2 mi W., thence 0.8 mi N. from, along Highway 169, near cor. secs. 13, 18, 19 and 24, T. 78 N., R. 27 and 28 W., 87 ft S. of T-rd. W., 16 ft E. of center of hwy., on concrete abutment of culvert; chiseled square	924.94
15.7	DeSoto Schoolhouse, 27 ft N. and 13 ft E. from center of driveway into schoolyard, 27 ft N. and 21 ft W. from T-rd. S., 20 in. E. of low concrete wall, in concrete post; standard disk stamped "USC&GS and State Survey No 75" Elev. by USC&GS	975.211
15.8	Reference Mark, 880 ft W. of tablet, in SW. corner of crossroads on Hwy. 169, on S. side of 14-in. maple tree; copper nail and washer	964.91
16.7	DeSoto, at SW. corner of, on concrete overpass on Hwy. 169, over C.R.I. & P. RR., in NW. corner of overpass, on concrete guard rail; chiseled square	927.25
17.3	DeSoto Schoolhouse, 0.2 mi W., thence 1.2 mi S. from, along Hwy. 169 to junction of Hwys. 169 and 90, on NW. corner of concrete overpass, on concrete guard rail, 3 ft above rd. level; chiseled square	970.64

LINE 1 (Cont'd)

Feet

- 18.0 DeSoto, 1.7 mi S. of, along Hwy. 169, about 0.7 mi S. of hwy. intersection, near cor. secs. 25, 30, 31 and 36, T. 78 N., Rs. 27 and 28 W., 77 ft W. of center of hwy. 33 ft N. and 26 ft W. from large power pole, 11 ft N. of gate post, 1 ft E. of fence, on W. right-of-way of Hwy. 169 across rd. from small service station, in concrete post; standard tablet stamped "TT 4 MT 1948" Elev. by USCGS 913.013
- 18.0 Reference mark, 180 ft N. of tablet, on concrete headwall of culvert; chiseled square 911.28

LINE 2

FROM A POINT AT EARLHAM, NORTH TO A POINT NEAR CENTER OF QUADRANGLE THENCE EAST TO EAST BORDER
(R. L. Holcomb, 1948; Book CV-156)

- 27.0 Earlham Depot, 1.2 mi N. of, 30 ft N. and 17 ft E. from T-fence W., in W. side of telephone pole; rail spike 1091.1
- 27.8 Earlham Depot, 2.0 mi N. of, near SW. cor. sec. 30, T. 78 N., R. 28 W., 30 ft N. of center of Hwy. 90 and T-rd. S., 1.5 ft S. and 7 ft W. from T-fence W., in concrete post; standard tablet stamped "3 RH 1948" 1012.096
- 29.0 Earlham, 3.1 mi N. of, near cor. secs. 19, 24, 25 and 30, T. 78 N., Rs. 28 and 29 W., 88 ft S. and 28 ft E. from center of rd. at fences E.-W., in W. side of power line pole; RR. spike 1048.6
- 29.9 Earlham, 4.0 mi N. of, near NE. cor. sec. 24, T. 78 N., Rs. 28 and 29 W., 475 ft S. of section corner, 20 ft W. of center of rd., on concrete headwall of concrete culvert, 3.5 ft lower than rd.; chiseled square 976.22
- 30.6 Earlham, 4.7 mi N. of, near W. quarter cor. sec. 18, T. 78 N., R. 28 W., S. of "L" in rd. to E. and on tangent with E. ditch line 40 ft NW. of center of rd. and on high bank, 12 ft N. of power line pole, in concrete post; standard tablet stamped "4 RH 1948" 1055.989
- 30.6 Reference mark, 300 ft NE. of tablet, on N. side of rd., in S. side of power line pole; RR. spike 1058.58
- 31.6 T. 78 N., R. 28 W., near center sec. 7, 375 ft N. of Raccoon River, about 400 ft W. of white house, 39 ft S. and 42 ft W. from center of rd., at wooden gate and fence corner, in root on E. side of 4-ft. elm tree; copper nail 909.72
- 32.6 Adel Courthouse, 6.8 mi SW., along Highway 6, thence 1.0 mi S., thence 0.4 mi E. from near center of S $\frac{1}{2}$ sec. 6, T. 78 N., R. 28 W., 710 ft S. of T-rd. S., 15 ft E. of center of rd., in SW. side of 3-ft. cottonwood tree; copper nail and washer 1069.72
- 33.2 Adel Courthouse, 6.4 mi SW., along Hwy. 6, thence 1.0 mi S. from, about 0.3 mi S. of quarter corner between secs. 1 and 6, T. 78 N., Rs. 28 and 29 W., 235 ft N. and 30 ft W. from T-rd. N., 200 ft N. of large white house, 0.5 ft E. of N.-S. fence, in concrete post; standard tablet stamped "5 RH 1948" 1058.541
- 34.3 Adel Courthouse, 6.4 mi SW., along Hwy. 6, thence 910 ft N. from, near N. cor. secs. 1 and 6, T. 78 N., Rs. 28 and 29 W., 9 ft E. of center of rd., on SE. headwall of small concrete bridge; chiseled square 961.75
- 35.3 Adel Courthouse, 5.8 mi W. of, along county rd., near NE. cor. sec. 32, T. 79 N., R. 28 W., about 0.3 mi N. of Kennedy RR. station 692 ft S. of crossroads, 21 ft W. of center of rd., 15 ft N. of T-fence W., 4 ft N. of telephone pole, in concrete post; standard tablet stamped "6 RH 1948" 1001.397
- 35.3 Reference mark, 663 ft N. of tablet, in SE. corner of crossroads, in S. side of power line pole; RR. spike 1013.14
- 36.5 Adel Courthouse, 4.7 mi W. of along county rd., near cor. secs. 27, 28, 33 and 34, T. 79 N., R. 28 W., 24 ft N. and 21 ft W. from T-rd. N., on concrete culvert; chiseled square 935.74

<u>LINE 2 (Cont'd)</u>	<u>Feet</u>
37.4 Adel Courthouse, 3.8 mi W. of along county rd., near NE. cor. sec. 34, T. 79 N., R. 28 W., 34 ft S. and 457 ft W. from crossroads, 35 ft S. and 24 ft E. from RR. crossing, 18 ft NW. of center of drainage ditch, in concrete post; standard tablet stamped '77 RH 1948"	928.505
38.5 Adel Courthouse, 2.7 mi W. of along county rd., near SE. cor. sec. 26, T. 79 N., R. 28 W., 28 ft N. and 24 ft W. from T-rd. S., 28 ft W. of T-fence N., 0.5 ft N. of fence E. and W., in root on E. side of 3-ft maple tree; copper nail and washer	1025.97
38.8 Adel Courthouse, 2.4 mi W. of along county rd., near cor. secs. 25, 26, 35 and 36, T. 79 N., R. 28 W., 0.3 mi E. of T-rd. S., 475 ft E. of fence line S., 26 ft S. of center of rd., 8 ft W. of power line pole, 0.5 ft N. of E.-W. fence on top of hill overlooking Adel, in concrete post; standard tablet stamped '8 RH 1948"	1040.897
39.9 Adel Courthouse, 1.3 mi W. of along county rd., near N. quarter cor. sec. 31, T. 79 N., R. 28 W., about 800 ft SW. of brick factory, 44 ft S. and 10 ft W. from T-rds. S. into farmyard, on NW. corner of headwall of concrete culvert; chiseled square	936.56

LINE 3.

WEST ALONG SOUTH BORDER, THENCE NORTH ALONG WEST BORDER TO A POINT NEAR CENTER WEST BORDER, THENCE EAST TO A POINT NEAR CENTER OF QUADRANGLE (by R. L. Holcomb and R. J. George, 1948; Book CV156)

4.1 Dexter RR. Station, 2.5 mi SE. of, along C.R.I.&P. RR., near NE. cor. sec. 4, T. 77 N., R. 29 W., 30 ft S. and 60 ft W. from RR. crossing, 50 ft N. and 50 ft W. from T-rd. N., in S. side of telephone pole; RR. spike	1118.8
5.2 Dexter, 1.0 mi S. and 1.2 mi E. from, near cor. secs. 4, 5, 32 and 33, Tps. 77 and 78 N., R. 29 W., 985 ft S. of RR. crossing, 670 ft N. of T-rd. E., 29 ft S. and 5 ft W. from 8-in. tree in field, 27 ft E. of center of rd., 2 ft W. of rd. fence, in concrete post; standard tablet stamped 'TT 8 MT 1948" Elev by USC&GS	1141.379
5.2 Reference mark, 0.2 mi N. of tablet, in NE. corner of RR. crossing, in S. side of telephone pole; RR. spike	1128.47
6.5 Dexter, in SE. corner of, 18 ft N. and 185 ft E. from a white house, in root of 15-in. maple tree; copper nail and washer	1142.06
7.4 Dexter, in W. part of, at rd. intersection near quarter corner between secs. 30 and 31, T. 78 N., R. 29 W., 36 ft N. of center of U.S. Hwy. 6, 35 ft E. of center of N.-S. rd., 7 ft N. and 4 ft E. from fire plug, 1 ft S. and 1 ft W. from fence corner, across street from Morgan Oil Station, in concrete post; standard tablet stamped 'TT 9 MT 1948" Elev. by USC&GS	1150.523
8.4 Dexter, 1.0 mi N. of, near quarter corner between secs. 19 and 30, T. 78 N., R. 29 W., 412 ft N. of T-lane W. and mailbox of G. E. Herring, 78 ft N. of T-fence W. and fence E., 30 ft W. of center of rd., 2 ft E. of N.-S. fence, in E. side of power line pole; RR. spike	1137.08
9.5 Dexter, 2.0 mi N. of, 37 ft E. of rd. through center secs. 18 and 19, T. 78 N., R. 29 W., 1 ft S. of fence and highline along line between secs. 18 and 19, 1 ft S. and 2 ft E. from fence corner, 1 ft S. and 3 ft E. from large braced power pole, in concrete post; standard tablet stamped 'TT 10 MT 1948"	1127.215
9.5 Reference mark, 70 ft W. of tablet, on concrete base of corner fence post of yard; chiseled square	1127.62
10.8 Dexter, 3.3 mi N. of, near SSE. sixteenth cor. sec. 7, T. 77 N., R. 29 W., 42 ft N. and 9 ft W. from center of S. end of South Raccoon River bridge, on steel pier; chiseled square	933.39
11.7 Dexter, 4.2 mi N. of, near S. quarter cor. sec. 6, T. 78 N., R. 29 W., 46 ft N. and 33 ft W. from T-rd. W., in E. side of large corner fence post; rail spike	1034.7

LINE 3 (Cont'd)

FEET

11.9	Dexter, 4.3 mi N. of, near S. sixteenth cor. sec. 6, T. 78 N., R. 29 W., 5 ft S. and 34 ft W. from T-rd. E., 11 ft S. of center of driveway to W. along S. side of fenced lane, 1 ft S. and 2 ft W. from fence corner post, in concrete post; standard tablet stamped "TT 11 MT 1948"	1106.208
11.9	Reference mark, 10 ft E. and 21 ft N. from tablet, on concrete culvert; chiseled square	1103.16
12.6	Redfield, 2.3 mi W. along County Rd. "J", near center sec. 6, T. 78 N., R. 29 W., 54 ft S. and 26 ft E. from rd. forks S., 32 ft S. of fence corner, 1 ft W. of fence, in W. side of power line pole; rail spike	1110.0
13.5	Redfield, 1.5 mi N., thence 2.0 mi W., thence 0.7 mi S. from, near center SW $\frac{1}{4}$ sec. 33, T. 79 N., R. 29 W., 325 ft N. of T-fence N., 12 ft W. of N.-S. fence line, on high weeded hill in field, on E. end of weeds, in rest on N. side of 6-in. oak tree; copper nail and washer	1069.71
14.2	Redfield, 1.5 mi N. and 2.0 mi W. from, near center of NW $\frac{1}{4}$ sec. 33, T. 79 N., R. 29 W., 29 ft W. of tangent of rd. to E., 11 ft N. of tangent of rd. to S., 2 ft S. and 1 ft W. from fence corner, in concrete post; standard tablet stamped "TT 12 MT 1948"	1076.907
15.0	Redfield, 1.5 mi N. thence 1.5 mi W. thence 0.4 mi N. from, near quarter section between secs. 28 and 33, T. 79 N., R. 29 W., 94 ft N. and 20 ft W. from RR. crossing, on head wall of concrete culvert; chiseled square	1015.24
16.2	Redfield, 3.0 mi N. and 0.9 mi W. from, near SW. cor. sec. 22, T. 79 N., R. 29 W., 12 ft S. and 3 ft E. from telephone pole, in fence line, 15 ft N. of center of rd., at E. end of "L" curve, on concrete culvert; chiseled square	1060.68
17.1	Redfield, 3.0 mi N. of, near SE. cor. sec. 22, T. 79 N., R. 29 W., about 0.1 mi W. of bridge over small creek, along section line rd., 39 ft N. of center of rd., 4 ft E. of center of driveway to house on S. side of rd., 36 ft W. of telephone pole, 1.5 ft N. of fence, in concrete post; standard tablet stamped "TT 13 MT 1948"	979.148
17.1	Reference mark, 555 ft E. of tablet, on NW. corner of bridge over Mesquite Creek, in headwall copper nail and washer	946.08
18.2	Redfield, 3.0 mi N. of along County Rd. "C", 21 ft S. and 164 ft W. from T-fence N. and S., at cor. secs. 23, 24, 25 and 26, and T. 79 N., R. 29 W., 0.2 mi E. of T-rd. N., in N. side of power line pole in fence line; rail spike	1081.4
19.2	Redfield, 3.0 mi N. along County Rd. "C", thence 1.4 mi E. from, near cor. secs. 19, 24, 25 and 30, T. 79 N., R. 28 and 29 W., 103 ft S. and 20 ft E. from crossroads, 6 ft S. of power line pole, 2 ft W. of fence, across rd. E. from large grove of walnut trees, in concrete post; USCGS and State Survey standard disk stamped "No. 47" Elev. by USGS	1077.790
20.3	Redfield, 3.0 mi N. along County Rd. "C", thence 1.4 mi E., thence 1.0 mi N. from, near cor. secs. 13, 18, 19 and 24, T. 79 N., R. 28 and 29 W., 98 ft N. and 21 ft E. from T-rd. E. and T-fence W., 64 ft N. of fence corner, in W. side of power line pole in fence line; rail spike	1059.1
20.7	About 0.5 mi NE. of station, 25 ft S. and 30 ft W. from crossroads, 1 ft N. and 5 ft W. from fence corner; USCGS triangulation station "Linden Reference Mark No. 1"	1049.91
22.8	Redfield, 3.0 mi N. and 2.5 mi E. from, near quarter cor. between secs. 19 and 30, T. 79 N., R. 28 W., 31 ft E. of center of driveway N. to farmhouse, 6 ft N. and 1 ft W. from T-fence N., 4 ft S. of small telephone pole, 4 ft N. of section line rd., in concrete post; standard tablet stamped "TT 14 MT 1948"	1063.694
23.4	Redfield, 3.0 mi N. and 3.2 mi E. from, 600 ft E. of T-rd. S. and T-fence N., near cor. secs. 19, 20, 29 and 30, T. 79 N., R. 28 W., 15 ft N. of center of rd., on concrete culvert; chiseled square	1046.76

	<u>LINE 4.</u>	<u>Feet</u>
FROM A POINT 5.0 MILES WEST OF MINBURN, SOUTH 10.0 MILES TO A POINT 5.5 MILES WEST OF ADEL (by O. E. Caruthers, 1948; Book CV-154)		
8.2	Minburn, 5.0 mi W., thence 0.5 mi S. from, near SW. cor. sec. 9, T. 80 N., R. 28 W., 177 ft N. and 34 ft E. from crossroads, 7 ft S. of REA pole #B 83, in E. fence line, in concrete post; standard tablet stamped "4 OC 1948"	1009.442
8.2	Reference Mark, 445 ft S. of tablet, 270 ft S. and 30 ft E. from center of crossroads, in base of REA power line pole # 85; rail spike	1000.9
9.2	Minburn, 5.0 mi W. thence 1.5 mi S. from, near SW. corner sec. 16, T. 80 N., R. 28 W., 263 ft N. and 32 ft E. from crossroads, in E. fence line, in base of REA power line pole "B 99; rail spike	986.2
10.3	Adel, 5.5 mi W., thence 7.0 mi N. from, near SE. cor. sec. 20, T. 80 N., R. 28 W., 490 ft N. of center of driveway running into the Daniel Tayler farm, 4 ft N. of telephone pole, in W. fence line of N.-S. rd., in concrete post; standard tablet stamped "5 OC 1948"	994.852
10.3	Reference mark, 865 ft S. of tablet, 375 ft S. of center of driveway to Daniel Tayler farm, 24 ft W. of center of rd., in E. rest on 40-in. tree; copper nail and washer	998.73
11.2	Adel, 5.5 mi W., thence 6.0 mi N. from, near SE. cor. sec. 28, T. 80 N., R. 28 W., 265 ft N and 22 ft W. from center of T-rd. leading N., 4 ft E. of W. fence line, at S. side of farm drive, in E. base of telephone pole; rail spike	1018.9
12.5	Adel, 6.0 mi W. thence 5.0 mi N. from, at T-junction of gravel rd. N. and Highway 64, near N. center of NW $\frac{1}{4}$ sec. 4, T. 79 N., R. 28 W., 46 ft S. and 141 ft E. from center of T-junction, 6 ft E. of telephone pole, 1 ft N. of S. right-of-way fence line, in concrete post; standard tablet stamped "6 OC 1948"	1018.511
12.5	Reference mark, 930 ft E. of tablet, 260 ft W. of graveled T-rd. S., 40 ft S. of center of Hwy. 64, in base of power line pole; rail spike	1001.5
13.6	Adel, 5.0 mi W., thence 4.0 mi N. from, near S. quarter cor. sec. 4, T. 79 N., R. 28 W., 570 ft N. and 26 ft E. from crossroads, in E. fence line of N.-S. rd., in base of third power line pole N. of crossroads; rail spike	989.6
14.6	Adel, 5.0 mi W., thence 3.1 mi N. from, near W. center of SE $\frac{1}{4}$ sec. 9, T. 79 N., R. 28 W., 225 ft N. of center of steel bridge over Panther Creek, 28 ft S. of power line pole, in E. right-of-way fence line, in concrete post; standard tablet stamped "7 OC 1948"	948.081
15.7	Adel, 5.0 mi W., thence 2.0 mi N. from, near S. quarter cor. sec. 16, T. 79 N., R. 28 W., about 0.2 mi N. of center of T-rd. N., in second power line pole N. of T-junction, in W. right-of-way fence line; rail spike	975.1
16.6	Adel, 5.5 mi W., thence 1.8 mi N. from, along graveled rd., near E. center of NE $\frac{1}{4}$ sec. 20, T. 79 N., R. 28 W., about 0.3 mi S. of junction of T-rd. S., 150 ft S. of fence leading W., 125 ft N. of an 18-in. tree, in W. right-of-way fence line, in concrete post; standard tablet stamped "8 OC 1948"	1037.189
17.5	Adel, 5.5 mi W., thence 0.9 mi N. from, along graveled rd., near NE. cor. sec. 29, T. 79 N., R. 28 W., about 0.2 mi S. of crossroads, on S. end of W. headwall of small concrete bridge; chiseled square	1004.24

LINE 5.

Feet

FROM A POINT NEAR CENTER NORTH BORDER, WEST TO WEST BORDER (by O. E. Caruthers, 1948; Book CV.-154)

- | | | |
|-----|---|----------|
| 1.1 | Minburn, 6.0 mi W. and 0.5 mi S. from, near NE. cor. sec. 18, T. 80 N., R. 28 W., 24 ft S. and 385 ft W. from crossroads, 8 ft N. of S. fence line, in base of power line pole; rail spike | 1017.4 |
| 1.8 | Minburn, 6.5 mi W. and 0.5 mi S. from, near cor. secs. 7, 12, 13 and 18, T. 80 N., R. 28 W., 0.2 mi E. of T-rd. N., 29 ft N. of center of rd., 3 ft N. of E.-W. fence, 1 ft W. of fence N., in concrete post; standard tablet stamped "900 1948" | 1024.606 |
| 1.8 | Reference mark, 45 ft S. and 15 ft W. from tablet, in N. root of 18-in. elm tree; copper nail and washer | 1022.31 |
| 2.6 | Minburn, about 7.5 mi W., thence 0.5 mi S. from near N. quarter cor. sec. 13, T. 80 N., R. 29 W., 24 ft S. and 425 ft W. from center of T-rd. S., in N. base of power line pole; rail spike | 1027.5 |
| 3.7 | Minburn, 8.5 mi W. and 0.5 mi S. from, near SW. cor. sec. 11, T. 80 N., R. 29 W., 150 ft E. of small drain under rd., 0.3 mi E. of crossroads, 25 ft N. of center of E.-W. rd., 1 ft S. of N. fence line, in S. base of power line pole; rail spike | 1032.5 |
| 4.2 | Minburn, 9.0 mi W. and 0.5 mi S. from, near NE. cor. sec. 15, T. 80 N., R. 29 W., 0.2 mi W. of crossroads, 27 ft S. and 92 ft W. from center of driveway to Fairmont farm, 1 ft N. of S. right-of-way fence line, in concrete post; standard tablet stamped "10 00 1948" | 1060.331 |
| 4.2 | Reference mark, 284 ft NW. of tablet, 25 ft N. of center of rd., S. side of power line pole; rail spike | 1056.76 |
| 5.4 | Minburn, 10 mi W. and 0.5 mi S. from, near SE. cor. sec. 9, T. 80 N., R. 29 W., 540 ft W. of crossroads, on N. headwall of concrete culvert; chiseled square | 1039.69 |
| 9.0 | (JOGS TRAIL PANORA QUAD)
Linden, 1.0 mi E. thence 5.0 mi N. from, near N. quarter cor. sec. 29, T. 80 N., R. 29 W., 22 ft S. and 163 ft E. from small steel bridge over Mesquite Creek, 22 ft S. and 3 ft E. from crossroads, 3 ft SE. of REA pole #42, in concrete post; standard tablet stamped "12 00 1948" | 1012.063 |
| 9.0 | Reference Mark, 149 ft W. of tablet, in SE. wingwall of steel bridge over Mesquite Creek, in 12-in. piling post; copper nail and washer | 1007.20 |