UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF NORTH DAKOTA
WATER COMMISSION
GOVERNOR WILLIAM L. GUY, CHAIRMAN
MILO W. HOISVEEN, SECRETARY AND CHIEF ENGINEER

ZAP QUADRANGLE
NORTH DAKOTA—MERCER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5678 IV NW (BEULAH NW)
5678 IV NE (BEULAH NE)
(BEULAH) 5678 IV SE
(MEDICINE BUTTE) 5678 III NW
(MEDICINE BUTTE NE) 5678 III NE

102°00′ — 47°22′30″ — 101°52′30″ — 47°15′
57′30″ — 55′ — 17′30″ — 20′
1 630 000 FEET — 1 650 000 FEET
590 000 FEET — 620 000 FEET
274000m E. — 275 — 276 — 277 — 279 — 280000m E. — 281 — 282
5250000m N. — 5249 — 5248 — 5247 — 5246 — 5245 — 5244 — 5243 — 5242 — 5241 — 5240 — 5239 — 5238 — 5237000m N.

R. 89 W. R. 88 W.
T. 145 N.
T. 144 N.

St Johns Ch
Gravel Pit
Zap Cem
Water Tank
Zap (BM 1845)
Gasing Station
Engbrecht Cem
BURLINGTON NORTHERN
Spring Creek
PIPELINE
PRIVATE
STRIP MINE
KILLDEER 40 MI.
GOLDEN VALLEY 3.2 MI.
4.4 MI. TO N. DAK. 49
HAZEN 12 MI.
28 MI. TO INTERSTATE 94

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1969

Polyconic projection. 1927 North American datum
10,000-foot grid based on North Dakota coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 14, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs
This information is unchecked

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN — 2°09′ 38 MILS — 13° 231 MILS

SCALE 1:24000
1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
State Route

NORTH DAKOTA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
AND BY THE STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION

ZAP, N. DAK.
N4715—W10152.5/7.5
1969
AMS 5678 IV SW—SERIES V871
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1971

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