UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
INDIANAPOLIS, INDIANA

OTWELL QUADRANGLE
INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 VELPEN 15' QUADRANGLE

(SANDY HOOK) (GLENDALE) (ALFORDSVILLE) (WINSLOW) (JASPER) (AUGUSTA) (VELPEN) (HUNTINGBURG)

87°07'30" 490 000m.E. WASHINGTON (U.S. 50 & 150) 12 MI. 5' (GLENDALE) 2'30" R.6 W. R.5 W. 520 000 FEET 87°00'
38°30' 38°30'
4260 000m.N. 360 000 FEET
27'30" 27'30"
25' 25'
38°22'30" 87°07'30" 490 000 FEET VELPEN 1.8 MI. 6.7 MI. TO IND. 64 5' (VELPEN) 2'30" DUFF 3.8 MI. 499 000m.E. 38°22'30" 87°00'
4248 000m.N.
T.1S. 320 000 FEET T.2S.

PETERSBURG 9 MI. ALGIERS 3 MI.
PETERSBURG 11 MI. CATO 3.2 MI.
PORTERSVILLE 1.3 MI.
JASPER 4.2 MI.
VELPEN 1.8 MI. 6.7 MI. TO IND. 64
DUFF 3.8 MI.

Iva Union Ch
Traylor Union Ch
Cem
Lemmon Ch
Rizzley Creek
Bear Creek
Birch Creek
IVA ROAD
OAK BURR ROAD
PIKE CO
DUBOIS CO
700 NORTH ROAD
650 NORTH ROAD
BM 538
BM 500
BASE LINE
Chapel Cem
J E F F E R S O N
B O O N E
Township Sch
St Johns Ch
580 NORTH ROAD
560 NORTH ROAD
Otwell
Cem
IOOF Cem
STRAWBERRY ROAD
OLD PETERSBURG ROAD
500 NORTH ROAD
Ireland Lake
460 NORTH RD
450 NORTH ROAD
Bethel Cem
BM 489
Vincent Cem Ch
Otwell Holiness Camp
BM 488
400 NORTH ROAD
Flat Creek
Little Flat Creek
300 NORTH ROAD
New Lebanon Cem Ch
Pumping Sta
Ireland
PIPELINES
200 NORTH ROAD
M A D I S O N
M A R I O N
Hobbs Cem
155 NORTH ROAD
Armstrong Cem
New Liberty Union Ch Cem
Battle
PIKE STATE FOREST
PIKE COUNTY STATE FOREST
Mt Zion Cem
County Home
Bone Creek
Altar Creek
White Sulphur Springs
50 NORTH ROAD
Sulphur Springs Brook
Big Bottom
BM 456
BM 446
DITCH
COUNTY JEEP TRAIL
DIVISION
Crooked Cr
RIVER
PATOKA
Scott

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Indiana Flood Control and Water Resources Commission

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961

Polyconic projection. 1927 North American datum
10,000-foot grid based on Indiana coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

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

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

2½° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1961

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
State Route

INDIANA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
AND INDIANA DEPARTMENT OF CONSERVATION, INDIANAPOLIS, INDIANA
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

OTWELL, IND.
NE/4 VELPEN 15' QUADRANGLE
N3822.5—W8700/7.5

1961

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