

Sketch on 645

Burnsville Quad

Mishawaka

PUNCHER

MAY 20

FORM 9-1642 (1-68)

Well No. G-46

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RN Source of data Records Date 4/30/75 Map _____

State _____ County (or town) 2-8 7-7

Latitude 34 45 28 N Longitude: 08 8 19 28 Sequential number: 2

Lat-long accuracy: 3 4 9 2 NE NW SE SW

Local well number: G-046 D-C-020 4509E Other number: Site 1, Well 2

Local use: _____ Owner or name: USCE Address: _____

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist F

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed T

DATA AVAILABLE: Well data 70 Freq. W/L meas.: _____ Field aquifer char. 71 Y

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: _____ Pumpage inventory: yes 75 no: _____ period: _____

Flow cards: _____ yes 77

Log data: _____ 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 142 Meas. rept accuracy _____

Depth cased: (first perf.) _____ Casing type: _____ Diam. 1.4

Finish: (C) concrete, (F) gravel w. concrete, (G) gravel w. (secrep), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) rotary, (T) reverse trenching, (V) driven, (W) drive wash, (Z) other R

Date Drilled: 9-7-74 Pump intake setting: _____

Driller: USCE Vicksburg

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submers, (T) turb, (Z) other T Deep D Shallow 50

Power (type): nat diesel, elec, gas, gasoline, hand, gas, wind, H.P. _____ Trans. or meter no. _____

Descrip. MP Top of 14' casing at 1.4 ft above below LSD, Alt. MP _____

Alt. LSD: 476 (1/80) Accuracy: (source) _____ 47 1

Water Level 5.62 ft above below MP; Ft below LSD _____ Accuracy: _____ 52 4

Date meas: 5/7/74 Yield: 5.74 gpm _____ Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 66 2.4

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No. _____

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD

19 Physiographic Province: _____

20 21 Section: 03

22 Drainage Basin: D

23 25 Subbasin: 15K

26

Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp, (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group MIS

Lithology: US Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 18 ft Depth to top of: 124 ft

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened:

Depth to consolidated rock: _____ ft Source of data: _____

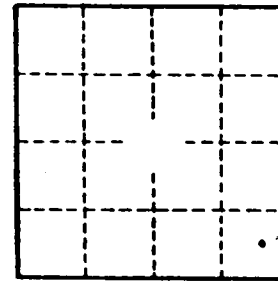
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

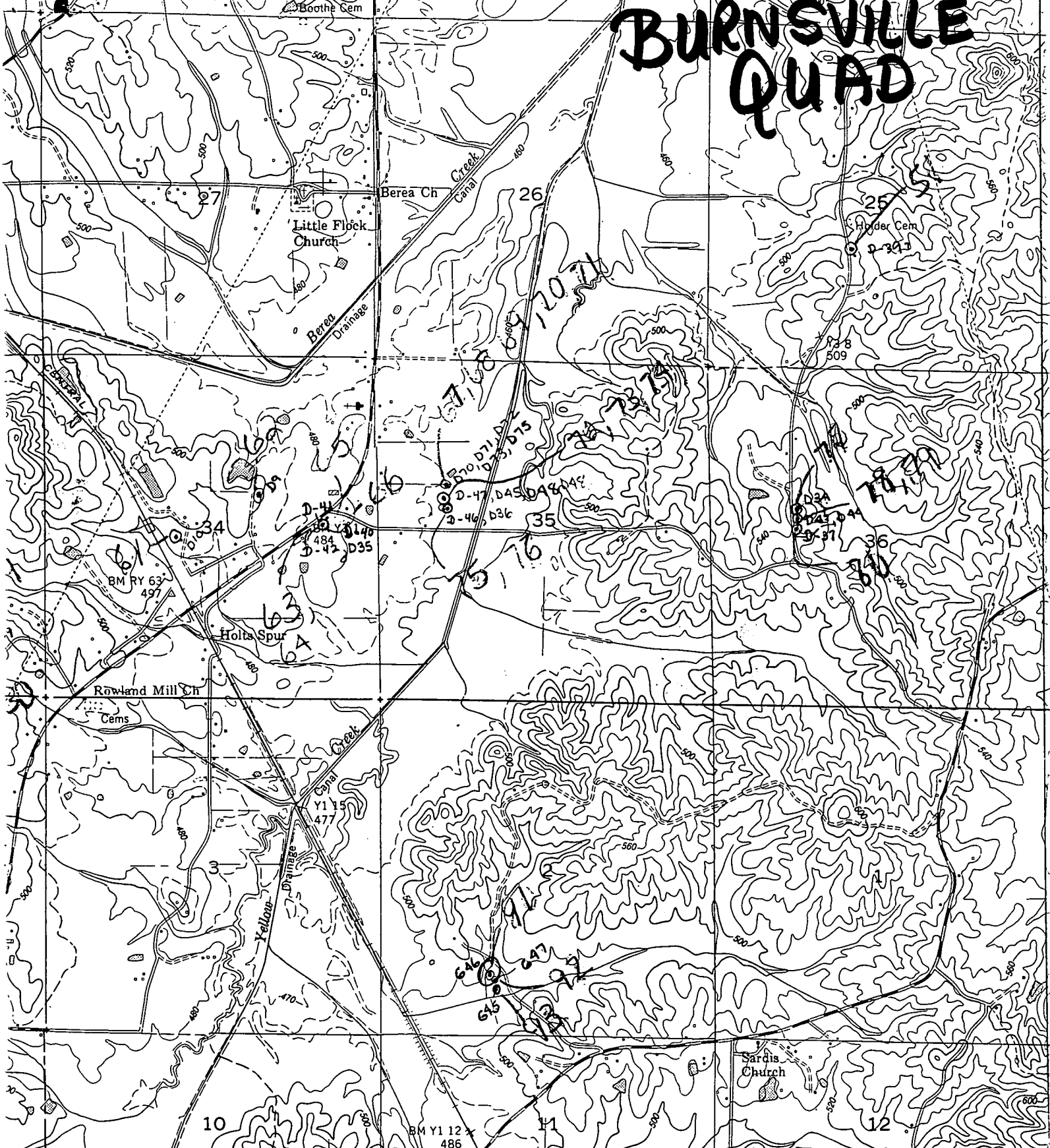
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

See G45 sketch
20' from G45 + G47



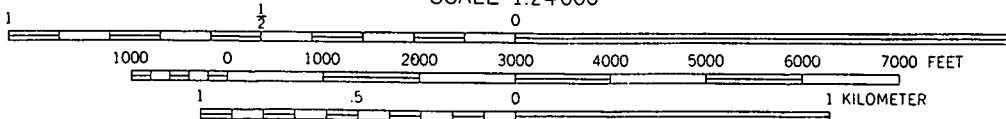
Well No. G46

BURNSVILLE QUAD

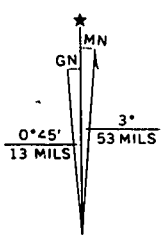


377 201 378 1.9 MI. TO MISSISSIPPI 365 (PADEN 15-NE) 379 381 R. 9 E.

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
 DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
 DATUM IS MEAN SEA LEVEL



UTM GRID AND 1969 MAGNETIC NORTH

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS