

FORM 9-1642 (1-68)

Well No. 645

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by USCE Source of data USCE Date 3/13/74 Map \_\_\_\_\_

State Missouri County Warren

Latitude: 37° 44' 52.8" N Longitude: 088° 19' 28" W Sequential number: 1

Lat-long accuracy: 3" W. Sec 2 SE, NW, SE, SW

Local well number: 6045DC0204509E Other number: Sitel, Well 1

Local use: 3.74 3.7 Owner or name: USCE

Owner or name: USCE Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. T

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

Hyd. lab. data: USCE

Qual. water data; type: 3/13/74 USGS

Freq. sampling:  Pumpage inventory:  yes  no  period: \_\_\_\_\_

Aperture cards:  yes  no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 118 ft Meas. rept. accuracy A

Depth cased: 28 ft Casing type: 1-1; Diam. in 10

Finish: porous concrete, gravel w. gravel w. (perf.), (screen), horix. gallery, open end, (S) perf., (T) screen, sd. pt., (W) shored, (X) open hole, (B) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) reverse percuss, (T) air percuss, (V) driven, (W) drive wash, (B) other 1

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

Driller: USCE

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P.  Trans. or meter no. \_\_\_\_\_

Descrip. MP 470' CW/89 above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 482.1 Accuracy: 1

Water Level: 2 ft above below MP; Ft below LSD Accuracy: A

Date meas: 3-7-74 Yield: 201 gpm Method determined 4

Drawdown: 5.5 ft Accuracy: 230 hrs Pumping period 230

QUALITY OF WATER DATA: Iron 25 ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hardness \_\_\_\_\_ ppm

Sp. Conduct 143 K x 10<sup>6</sup> Temp. 37.4 °F Date sampled 3-13-74 37.4

Taste, color, etc. pH 6.1 H<sub>2</sub>S odor

Well No.

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 18R Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group E 22  
Lithology: U.S Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft

70 Length of well open to: \_\_\_\_\_ ft 9.0 Depth to top of: \_\_\_\_\_ ft 27

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: 30-120

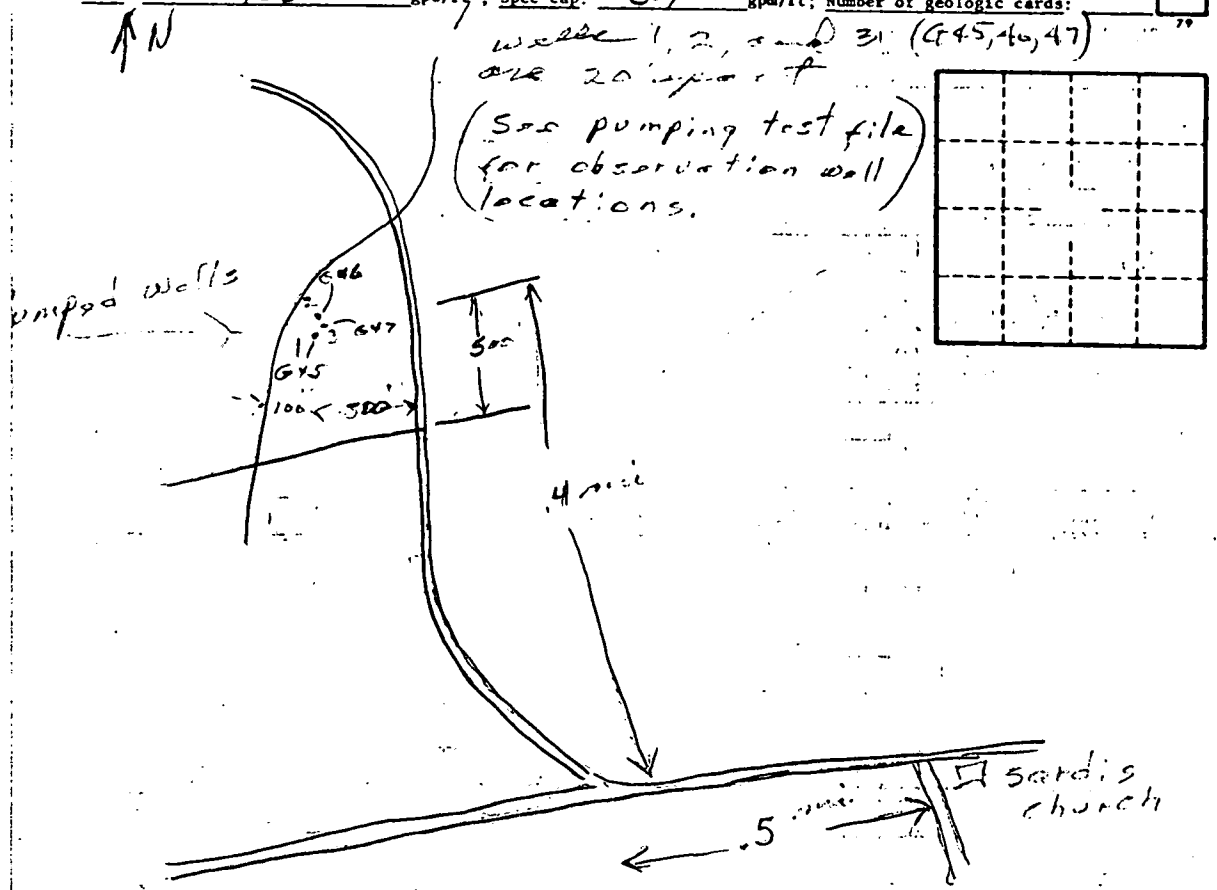
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

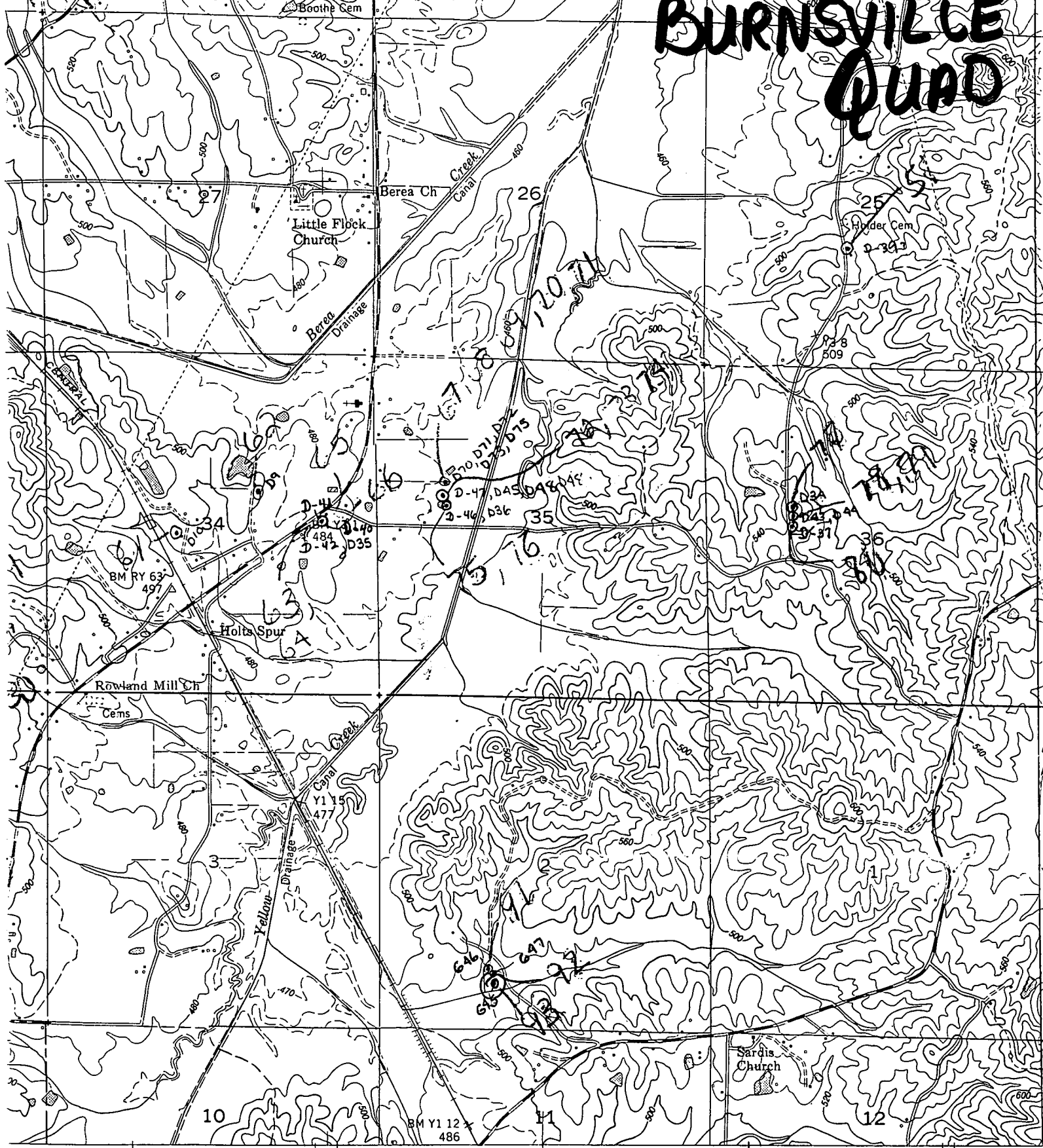
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: 7000 gpd/ft 702 Coefficient Storage: .001 1.04

Coefficient Perm: 100 gpd/ft<sup>2</sup>; Spec cap: 3.7 gpm/ft; Number of geologic cards: \_\_\_\_\_

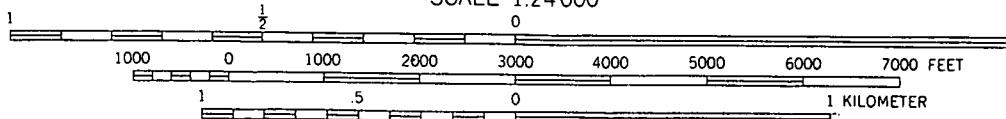


# BURNSVILLE QUAD

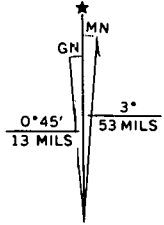


377 20 378 1.9 MI. TO MISSISSIPPI 365 (PADEN 15-NE) 3353 III NE 381 R. 9 E.

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