

MAY 14 1975

FORM 9-1642 (1-68)

Well No. G51

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by JCM Source of data BOWC Date 10-72 Map \_\_\_\_\_

State 28 County (or town) Neshoba 50

Latitude: 324908N Longitude: 0890555 Sequential number: 1

Lat-long accuracy: 5 T 11 S, R 12 W, Sec 7

Local well number: G051 0711N12E Other number: \_\_\_\_\_

Local use: 010 Owner or name: J. L. WILLIAMSON Address: Phila

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

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

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (D) Drill, (G) Gravel, (H) Horiz, (J) Jetted, (P) Percussion, (R) Rotary, (T) Trenching, (U) Unused, (W) Wash, (X) X-ray, (Z) Zoned W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  period:

Temperature cards:

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 58 Meas. rept accuracy 3

Depth cased; (first perf.) 53 Casing type: 4X2 Diam. 4

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

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

Date Drilled: 972 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Nicholson name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) bucket, (B) cent, (C) jet, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) submerg, (S) turb, (T) other, (Z) other  Deep  Shallow 40

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

Descr. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 47

Water Level: \_\_\_\_\_ ft above below MP; Ft below LSD 45 Accuracy: \_\_\_\_\_ 52

Date meas: 572 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 79

Taste, color, etc. \_\_\_\_\_

Well No. \_\_\_\_\_

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

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

D <sup>19</sup> Drainage Basin: 137 Subbasin: \_\_\_\_\_ 26

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

**MAJOR AQUIFER:** \_\_\_\_\_ TE \_\_\_\_\_ M.W  
system series aquifer, formation, group

Lithology: \_\_\_\_\_ S Origin: 6 Aquifer Thickness: 13 ft

  Length of well open to: \_\_\_\_\_ ft 5 Depth to top of: \_\_\_\_\_ ft 4.5

**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: 1 1/4"

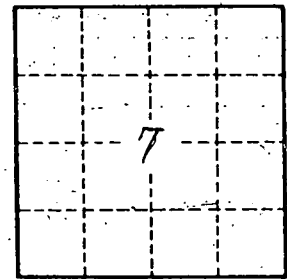
Depth to consolidated rock: \_\_\_\_\_ ft   Source of data: \_\_\_\_\_ 64

Depth to basement: \_\_\_\_\_ ft   Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_   Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: \_\_\_\_\_ gpd/ft   Coefficient Storage: \_\_\_\_\_ 76

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79



Well No. 651