

WRD Exp. (GW)  
April 1966

Well No. E 42

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. Shell Source of data BOWC Date 8/26/62 Map \_\_\_\_\_

State 28 County (or town) Neshoba 50

Latitude: 32 45 48 N Longitude: 08 91 32 0 Sequential number: 1

Lat-long accuracy: 5 T. 11 S, R 10 W, Sec 36

Local well number: E042 3611 N10E Other number: \_\_\_\_\_ B & M

Local use: 010 Owner or name: Jim Gardner

Owner or name: U.S. GOVT. Address: Phila, Miss

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, Inatit, Unused, Reppure, 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 \_\_\_\_\_ W

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

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

Aperture cards: \_\_\_\_\_ yes

Log data: \_\_\_\_\_ 0

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 162 ft Meas. 162 accuracy \_\_\_\_\_

Depth cased: 157 ft Casing type: \_\_\_\_\_; Diam. 2 in

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, \_\_\_\_\_ S

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse trenching, (G) driven, (H) drive wash, (I) percussion, (J) rotary, (K) other \_\_\_\_\_ H

Date Drilled: 6-6-62 9:62 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

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

Lift (type): (A) air, (B) bucket, (C) cent, jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other \_\_\_\_\_ D Deep D Shallow D

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 1 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

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

Water Level: 110 ft above below MP; Ft. below LSD 110 Accuracy: \_\_\_\_\_

Date meas: 6-6-62 6:62 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

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

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

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

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

Well No. E 42

Well No. E

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**1** SAME AS ON MASTER CARD **19** Physiographic Province: 03 **20 21** Section: \_\_\_\_\_

**22** Drainage Basin: 137 **23 25** Subbasin: \_\_\_\_\_ **26**

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

**MAJOR AQUIFER:** \_\_\_\_\_ system, \_\_\_\_\_ series **28 29** \_\_\_\_\_ aquifer, formation, group **30 31**

Lithology: \_\_\_\_\_ **32 33** Origin: \_\_\_\_\_ **34** Aquifer Thickness: 12 ft

**35 37** Length of well open to: \_\_\_\_\_ ft **38 40** 5 Depth to top of: \_\_\_\_\_ ft **41 43** 150

**MINOR AQUIFER:** \_\_\_\_\_ system, \_\_\_\_\_ series **44 45** \_\_\_\_\_ aquifer, formation, group **46 47**

Lithology: \_\_\_\_\_ **48 49** Origin: \_\_\_\_\_ **50** Aquifer Thickness: \_\_\_\_\_ ft

**51 53** Length of well open to: \_\_\_\_\_ ft **54 56** \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft **57 59** \_\_\_\_\_

Intervals Screened: 211

Depth to consolidated rock: \_\_\_\_\_ ft **60 63** Source of data: \_\_\_\_\_ **64**

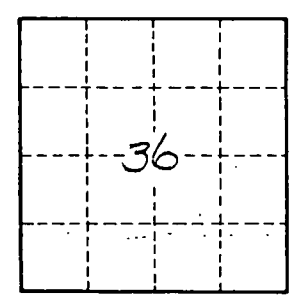
Depth to basement: \_\_\_\_\_ ft **65 68** Source of data: \_\_\_\_\_ **69**

Surficial material: \_\_\_\_\_ **70 71** Infiltration characteristics: \_\_\_\_\_ **72**

Coefficient Trans: \_\_\_\_\_ gpd/ft **73 75** Coefficient Storage: \_\_\_\_\_ **76 78**

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

*6 1/2 miles West of Phila*



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