

WRD Exp. (GW)  
April 1966

Well No. A 35

WELL SCHEDULE

E-Log # 48

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED & VERIFIED KTR  
WATER ACCOUNTING BRANCH

MASTER CARD

Record by P. E. Grantham Source of data Driller's Obs Date 11-1-63 Map

State Mississippi County Washington (or town) 7:6

Latitude: 33 27 29 N Longitude: 09 10 53 2 Sequential number: 1

Lat-long accuracy: 2 T. 19 S. R. 9 Sec 14, SW 1/4, SW 1/4, SW 1/4

Local well number: A035CC1419N09W Other number: B & M

Local use: 33 40 45 51 Owner or name: P. F. Watzek

Owner or name: P F WATZEK Address: N. Lake Ferguson

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Irr, (H) Med, (I) P S, (J) Rec, (K) Stock, (L) Instit, (M) Unused, (N) Recharge, (O) Desal-P S, (P) Desal-other, (Q) Other H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: 76 period: 77

Aperture cards: 78

Log data: E-log 5-553 ft ; driller's log E: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 556 ft Meas. accuracy: 3

Depth cased: (first perf.) 515 ft Casing type: 5 Diam. 8,4 in

Finish: (C) concrete, (F) porous gravel w. (G) gravel w. (H) horiz. open (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other 5

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

Date Drilled: Nov 17, 1963 9:6:3 Pump intake setting: 36 ft 38

Driller: Layne Central, Cleveland, Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) other T Deep 40 Shallow

Power (type): (A) diesel, (B) elec, (C) nat gas, (D) gasoline, (E) hand, (F) gas, (G) wind; (H) H.P. S Trans. or meter no. 41

Descrip. MP 100 ft above LSD. Alt. MP 100 ft below LSD. Accuracy: (source) topo 3

Water Level 11-17-63 N: 6:3 Yield: 58 gpm Accuracy: 52 D

Drawdown: 11-17-63 N: 6:3 Yield: 58 gpm Pumping period: 56 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72

Sp. Conduct 73 K x 10 74 Temp. 75 °F Date sampled 76 77 79

Taste, color, etc. 78

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Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: Miss River

alluvial plain E Drainage Basin: 15L Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (V)

MAJOR AQUIFER: Tertiary, Eocene T.E Cockfield C.φ

Lithology: unconsolidated sand U.S Origin: Deltaic 3 Aquifer Thickness: min. 49 ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft 40 ft 40.6 ft

MINOR AQUIFER: Quaternary, Pleistocene Miss. River alluvium M.A

Lithology: sand-gravel alluvium Fluvial 77 ft

Length of well open to: 0 ft Depth to top of: 26 ft

Intervals Screened: 515-336 ft 40' 9" x 4"

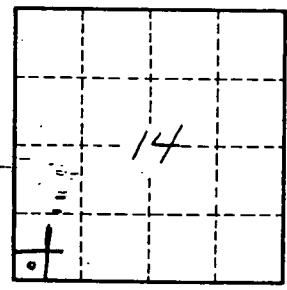
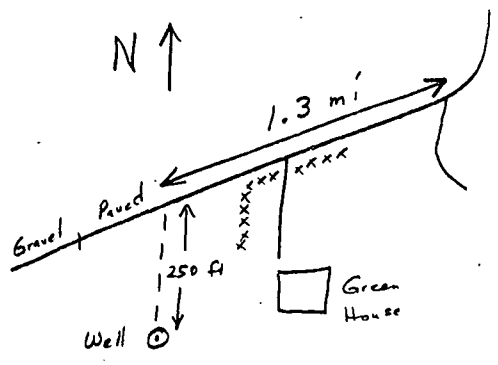
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

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

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

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



- ↑ alluvium
- 0-26 Clay
- 26-47 Fine Grey sd
- 47-55 Sand
- 55-78 Coarse sd
- 78-103 Coarse sd & pea gravel

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- ↑ ?
- 103-162 Clay
- 162-175 Sand
- 175-253 Clay
- 253-318 sh
- Cockfield 318-367 sdy sh
- 367-368 Rock
- 368-406 sdy sh, strk sd
- 406-555 Sand
- ↓

200' 4" of 8"  
 327' 11" of 4  
 20' lay

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