

WRD Exp. (GW)  
April 1966

Well No. D70

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

#### MASTER CARD

Record by W.T. Oakley Source of data Maint. Enq. R. Smith Date 1-23-68 Map \_\_\_\_\_

State Mississippi County Washington (or town) 76

Latitude: 33 deg 25 min 36 sec N Longitude: 09 deg 10 min 15 sec W Sequential number: 1

Lat-long accuracy: 20 T, 18 S, R 8 Sec 11, Irregular (NW, NE, 9) B & M

Local well number: D070 Other number: \_\_\_\_\_

Local use: 064 Owner or name: ATKINS SAW CO.

Owner or name: ATKINS SAW CO. Address: Greenville, Miss.

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

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

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  Freq. W/L meas.: original  Field aquifer char.

Hyd. lab. data:

Qual. water data; type: Field

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

Aperture cards:  yes

Log data: D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 500 ft Meas. 500 Accuracy 3

Depth cased; (first perf.): 445 ft Casing type: black iron; Diam. 12, 8 in 1, 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd-pt., (M) shored, (N) open hole, (O) other S

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

Date Drilled: 11-8-60 960 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Layne Central

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

Power (type): (A) diesel, (B) elec, (C) nat gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 60  Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 125 Accuracy: (source) 3

Water Level: 70' ft above \_\_\_\_\_ ft below LSD 70 Accuracy: Reported D

Date meas: 11-8-60 N 60 Yield: 600 gpm 600 Method determined

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

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

Sp. Conduct 590 K x 10<sup>6</sup> 4 Temp. 67 °F 67 Date sampled 168

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

DS 354

Well No. D70

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Latitude-longitude N  
S  
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: 151 Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (V) valley flat  
(φ) (P) (S) (T) (U) (V) 27 Y

MAJOR AQUIFER: Tertiary Eocene TE Cockfield Cφ  
system series aquifer, formation, group

Lithology: Unconsolidated Sand U.S Origin: Deltaic 3 Aquifer Thickness: ft

183 Length of well open to: ft 55 Depth to top of: ft 337

MINOR AQUIFER: Quat Pleist Miss. River alluvium  
system series aquifer, formation, group

Lithology: sd alluvium Fluv 72 ft  
Origin: aquifer, formation, group Thickness:

0 Length of well open to: ft 20 ft 57 59  
Depth to top of: ft

Intervals Screened: 445 - 500 ft 55' x 8"

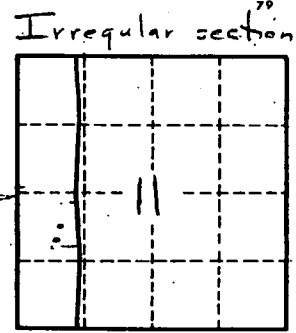
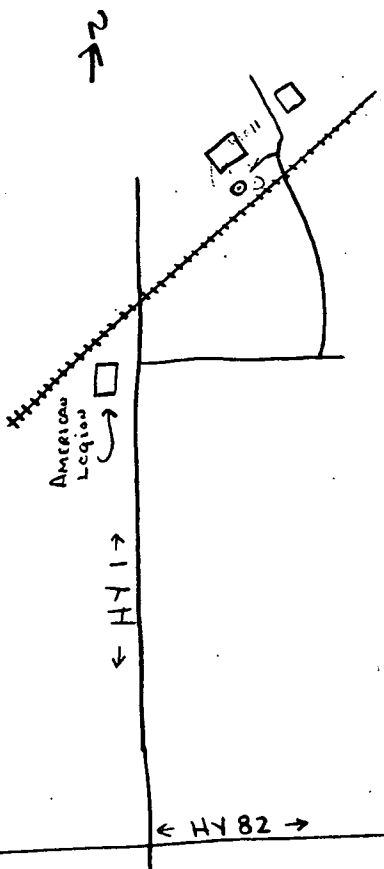
Depth to consolidated rock: ft 64 Source of data: 64

Depth to basement: ft 69 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> 79 Spec cap: gpm/ft Number of geologic cards: 80



445 ft of 12-inch  
55 ft 8"  
(All data do not agree)

Greenville

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