

WRD Exp. (GW)  
April 1966

Well No.                     

**H8**

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by P.E. Grantham Source of data John Hollingsworth Date 8-17-67 Map           

State Mississippi County Lincoln (or town)           

Latitude: 31° 35' 08" N Longitude: 090° 26' 21" W Sequential number: 1

Lat-long accuracy: 1 T. 7 S. R. 8 W. Sec. 7, SE  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$

Local well number: H008AC0707N08E Other number: Well #9

Local use: 064 Owner or name: City of Brookhaven

Owner or name: BROOKHAVEN Address: New deep well

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

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

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: USGS Complete 3/68

Freq. sampling: Original Pumpage inventory: yes  no, period:

Aperture cards:  yes

Log data: Dr (BOWC)

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 462 ft Meas. 462 Meas. accuracy 3

Depth cased; (first perf.): 382 ft Casing type: Steel; Diam. 18x12 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open hole, (J) gallery, end, (K) other A

Method Drilled: (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: 1967 9-6-7 Pump intake setting:            ft

Driller: Layne-Central, Jackson, Miss

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 D Shallow           

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

Descrip. MP Inside top of ell in air vent 2.4 ft below LSD. Alt. MP           

Alt. LSD: 490 Accuracy: (source) 6

Water Level 181 ft above below MP; Ft below LSD 181 Accuracy:           

Date meas: 9/24/68 9-6-8 Yield: 500 gpm 500 Method determined           

Drawdown:            ft Accuracy:            Pumping period            hrs

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

Sp. Conduct 81 K x 10<sup>6</sup> Temp. 68 °F 20 Date sampled 3-8-68 368

Taste, color, etc. Field PH = 6.5

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

**H8**

Well No. H8

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 D Drainage Basin: 134 23 25 Subbasin: \_\_\_\_\_ 26

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

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

Lithology: \_\_\_\_\_ 32 33 Origin: 3 34 Aquifer Thickness: \_\_\_\_\_ ft

100 35 Length of well open to: \_\_\_\_\_ ft 80 38 40 Depth to top of: 358 41 43

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

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

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

Intervals Screened: 382-462', 12", SS

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: 50,000 73 gpd/ft 503 75 Coefficient Storage: 0.00025 76 255 78

Coefficient Perm: 540 79 gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79

9/68 used as obs. well in pumping test of H15

