WRD Exp. (GW)
April 1966

Well No. 1

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

MP & L

Record by E. J. Harvey — Source of data J. C. Willis — Date 1-25-54 — Map Swan Lake

State Mississippi [28] — County (or town) Washington [76]

Latitude: 33 05 33 N — Longitude: 090 56 44 — Sequential number: 1

Lat-long accuracy: 2 — T. 14 N, R 7 W, Sec 5, ¼, SW ¼, NW ¼ — B & M

Local well number: 5001CB051 4N07W — Other number:

Local use: — Owner or name: J. C. Willis Jr

Owner or name: J C WILLIS JR. — Address: Rte 1, Hollandale

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other Rice

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed

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

Hyd. lab. data:

Qual. water data; type: USGS — C

Freq. sampling: — Ø — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 126 ft 1126 Meas. rept — accuracy 6

Depth cased (first perf.): 76 ft 76 — Casing type: — Diam. 18, 16 in 18

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

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

Date Drilled: April 1953 953 — Pump intake setting: ft

Driller: Layne Central (name), Cleveland Miss. (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 60 — V — Trans. or meter no.

Descrip. MP: Top of casing, which is 1.0 ft above/below LSD. Alt. MP 112

Alt. LSD: 111 1111 — Accuracy (source): Tape — 3

Water Level 11'8" ft above/below MP; ft above/below LSD 11 — Accuracy: Reported — G

Date meas: April 1953 453 — Yield: 3320 gpm 3320 — Method determined 9

Drawdown: ft — Accuracy: — Pumping period hrs

QUALITY OF WATER DATA: Iron 6.8 ppm — Sulfate ppm — Chloride 4.5 ppm — Hard. ppm

Sp. Conduct 372 K x 10^6 3 — Temp. 65 °F 65 — Date sampled 554

Taste, color, etc.

Well No. 1

Well No. 5

Latitude-longitude N S d m s d m s

DROGEOLOGIC CARD

AME AS ON MASTER CARD (19) Physiographic Province: Coastal Plain 03 (20 21) Section: Miss. River

al plain E (22) Drainage Basin: 15 I (23 25) Subbasin: (26)

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

R FER: Quaternary (system), Pleistocene (series) QG (28 29) Miss. River alluvium (aquifer, formation, group) MA (30 31)

ology: Sand-gravel alluvium 9A (32 33) Origin: Fluvial 2 (34) Aquifer Thickness: ft

(37) Length of well open to: 50 ft 50 (38 40) Depth to top of: ft (41 43)

R FER: (system), (series) (44 45) (aquifer, formation, group) (46 47)

ology: (48 49) Origin: (50) Aquifer Thickness: ft

(53) Length of well open to: ft (54 56) Depth to top of: ft (57 59)

rvals ened: 76 - 126 ft 50' x 16"

h to olidated rock: ft (60 63) Source of data: (64)

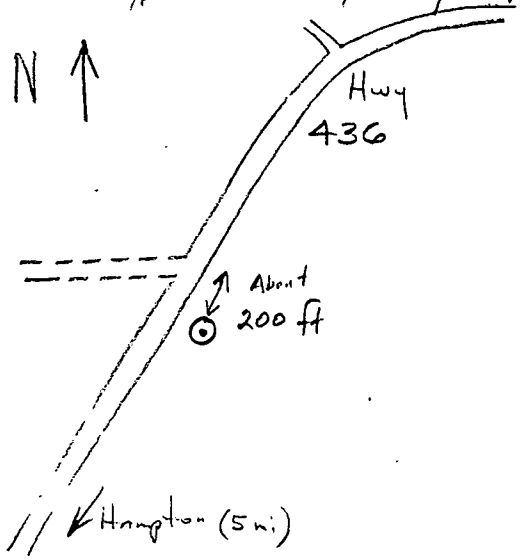
h to ment: ft (65 68) Source of data: (69)

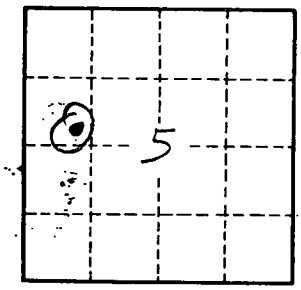
icial rial: (70 71) Infiltration characteristics: (72)

ficient s: gpd/ft (73 75) Coefficient Storage: (76 78)

ficient : gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

yne turbine (26208) with 12" discharge
lain 5000 gpm with big enough pump





6.5 mi NE
Glen Allen

Well No. 5

GPO 857-700