WRD Exp. (GW)
April 1966

Well No. P21

WELL SCHEDULE

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

MASTER CARD

Record by Brown & Reed Source of data K.D. Alexander Date 3-7-39 Map Swan Lake

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

Latitude: 33 10 45 N Longitude: 090 50 21 Sequential number: 1

Lat-long accuracy: [ ] T. 15 S, R 6 W Sec 5, SE ¼, NW ¼, ¼ B & M

Local well number: P021DB051 5N06W Other number:

Local use: Owner or name: Kelly Drew Alexander

Owner or name: K D ALEXANDER Address: Hollandale, Miss.

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

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 [U]

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

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

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1700 + ft [1700] Meas. (est) accuracy [6]

Depth cased: (first perf.) ft Casing type: ; Diam. 6 X 4½ in [6]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) 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 roc., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 1913 [913] Pump intake setting: ft

Driller: Mr. Wise (name), (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 [N] Deep [ ] Shallow [ ]

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

Descrip. MP X on cross, which is 1.4 ft above/below LSD. Alt. MP 119.97

Alt. LSD: 118.57 [119] Accuracy: (source) instrument [O]

Water Level +82.1 ft above/below MP; Ft above/below LSD [+84] Accuracy: pressure gage [H]

Date meas: 3-7-39 [339] Yield: flow 164 gpm [164] Method determined [9]

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. faint yellow color; foams

Well No. P21

Well No. T 21

Latitude-longitude N S d m s d m s

)ROGEOLOGIC CARD

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

vial plain E (22) Drainage Basin: 15J (23 25) Subbasin: (26)

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

R FER: Tertiary (system), Eocene (series) TE (28 29) Meridian - upper Wilcox (aquifer, formation, group) MW (30 31)

ology: unconsolidated sand US (32 33) Origin: Deltaic 3 (34) Aquifer Thickness: ft

(37) Length of well open to: 20 ft 20 (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:

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)

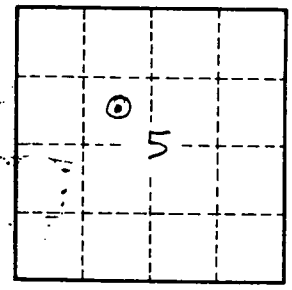
ficient s: gpd/ft (73 75) Coefficient Storage: (76 78)

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

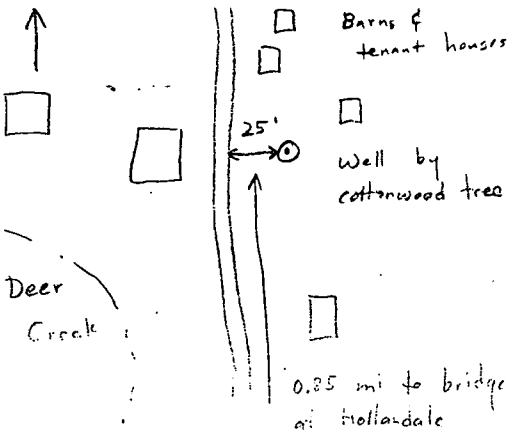
eld measured "by vert. jet"

20 gpm 32 lbs pressure

or jet measurement = 4.87" diam, 1½" jet height

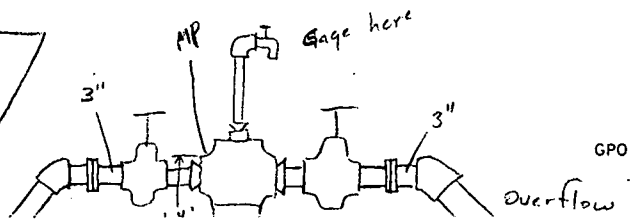


0.85 mi NE Hollandale



35.5# on 100 lb gage
0.5 ft to gage

l caved, tried to ork but failed. below ground level Clay



Well No. T 21

GPO 857-700