WRD Exp. (GW)
April 1966

Well No. H1

WELL SCHEDULE

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

TRANSMITTED FOR ADP

MASTER CARD

Record by W.T. Oakley Source of data Mrs Duncan Date 8-1-66 Map County

State Miss [28] County (or town) Marion [46]

Latitude: 31 20 20 N S (deg min sec) Longitude: 089 42 20 (degrees min sec) Sequential number: [1]

Lat-long accuracy: [2] T. 4 N S, R 17 E W Sec 4, NE ¼, SE ¼, ¼ B & M

Local well number: H001AD0404N17W Other number:

Local use: Owner or name: Duncan Grocery

Owner or name: DUNCAN GROCERY Address: Rt 1 Columbia

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 [H]

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. [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: None [N] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: USGS complete [C]

Freq. sampling: original [Ø] Pumpage inventory: yes (no) period: [ ]

Aperture cards: yes [ ]

Log data: [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 195 ft [195] Meas. (est) accuracy rgt [6]

Depth cased: (first perf.) ft [ ] Casing type: gal; Diam. 2 in [2]

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 [T]

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: 1964 [964] Pump intake setting: ft [ ]

Driller: E. B. Sherrard (name), Columbia (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 [P] Deep Shallow [ ]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1/2 [S] Trans. or meter no. [ ]

Descrip. MP ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] Accuracy: (source) [ ]

Water Level ft above below MP; Ft above below LSD [ ] Accuracy: [ ]

Date meas: [ ] Yield: gpm [ ] Method determined [ ]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [ ]

QUALITY OF WATER DATA: Iron 0.19 ppm [2] Sulfate 0.6 ppm [0] Chloride 4.0 ppm [0] Hard. 5 ppm [0]

Sp. Conduct 32 K x 10^6 [0] Temp. 67 °F [67] Date sampled 10-26-66 [066]

Taste, color, etc. rusty

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Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: East Gulf Coastal

Plain (22) D Drainage Basin: (23–25) 1 3 V Subbasin: (26)

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

MAJOR AQUIFER: Tertiary (system), Miocene (series) (28–29) T M Hattiesburg (aquifer, formation, group) (30–31) H A

Lithology: unconsolidated sand (32–33) U S Origin: Deltaic (34) 3 Aquifer Thickness: ft

(35–37) Length of well open to: ft (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: (system), (series) (44–45) (aquifer, formation, group) (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened:

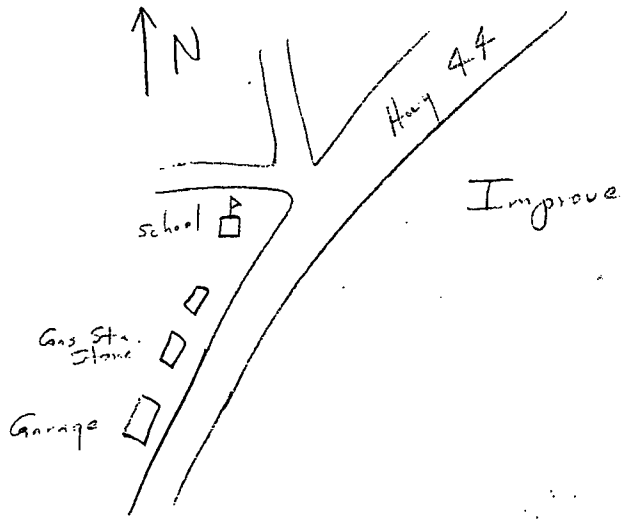
Depth to consolidated rock: ft (60–63) Source of data: (64)

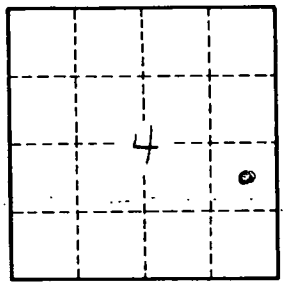
Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

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





Well No. H

GPO 857-700