

WELL SCHEDULE

MAR 20 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data Bowc Date 1/75 Map _____

State ms County (or town) Tallahatchie 6:8

Latitude: 33° 50' 47" N Longitude: 090° 19' 19" W Sequential number: 1

Lat-long accuracy: 4 T 230 N 1 E 20 S, R 0 Sec 20 T, SE t, NW t

Local well number: 0039DB2023NO1W Other number: _____ B & M

Local use: 087 Owner or name: M. P. STURDIVANT Address: _____

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

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 _____ H

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: _____

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

Core cards: _____

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 897 ft Meas. rept accuracy 3

Depth cased: (first perf.) 867 ft Casing type: _____; Diam. 6x4x2 in 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, rotary, (K) air rot., (L) air jetted, (M) multiple, (N) multiple, (O) none, (P) piston, (R) rot., (S) submerg, (T) turb., (U) other, (V) shored, (W) open hole, (X) other, (Y) other, (Z) other _____ S

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) rot., (I) jetted, (J) air rot., (K) air jetted, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., (U) other, (V) shored, (W) open hole, (X) other, (Y) other, (Z) other _____ H

Date Drilled: 6-3-66 9-6-66 Pump intake setting: _____ ft _____

Driller: Butane Gas name _____ address _____

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 _____ Deep _____ Shallow _____

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

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____

Water Level: _____ ft above _____ below MP; _____ ft below LSD _____ Accuracy: _____

Date meas: 6-6-66 Yield: flowed gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

Well No. _____

Latitude-longitude N
S
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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 15H Subbasin: _____

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

MAJOR Aquifer: TE system series aquifer, formation, group MW

Lithology: S Origin: 3 Aquifer Thickness: 103 ft

Length of well open to: _____ ft Depth to top of: 850 ft

MINOR Aquifer: _____ system series aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

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

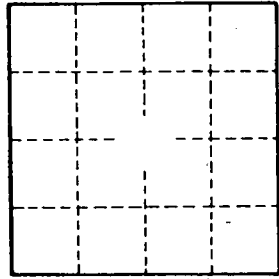
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Clay	18	18
Sand & logs	52	70
Sand & gravel	108	178
Sand	156	234
Sand & shale	41	275
Rock	2	277
Shale	1	278
Rock	1	279
Shale	2	281
Rock	1	282
Sandy shale	160	441
Shale rock st.	91	532
Sandy shale	12	544
Rock	1	545
Shale sand st.	219	764
Sand	23	787
Shale	12	799
D sand	51	850
H P Sand	52	902
Gummy shale	11	913



Well No.