

WELL SCHEDULE

E-LOG 113

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by T N Shows Source of data J. Homan Date 2-15-67 Map Town m2-p

State MISSISSIPPI 03 28 County (or town) Smith 10 65

Latitude: 31 52 N Longitude: 08 93 32 W Sequential number: 12

Lat-long accuracy: 3 10 S 15 W Sec 6 SW NW NW

Local well number: 00010A0610N15W Other number: B & M

Local use: 021113 Owner or name: Town of Mize

Owner or name: MIZE Address: MIZE, MISSISSIPPI

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Inatit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data; type: USGS Complete 2-9-67 MSBH

Freq. sampling: 0 Pumpage inventory: yes no: 0 period: 0

Aperture cards: 0 yes 0

Log data: E log # 113 D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 424 ft 424 Meas. 6

Depth cased: (first perf.) 396 ft 396 Casing type: Steel ; Diám. 2 1/2 in 10

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other G

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: 7/1965 965 Pump intake setting: 0 ft 0

Driller: Herndon-Homan, Shannon, 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 M Deep S Shallow 0

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 20 20 Trans. or meter no. 0

Descrip. MP Base of pump, beside airline (use steel tape) - 19 ft 19 above/below LSD. Alt. MP 0

Alt. LSD: 292 292 Accuracy: OK B sec 2

Water Level: 6.40 ft above/below MP; Ft below LSD 72 Accuracy: 0

Date meas: 2-15-67 267 Yield: 175-200 gpm 175 Method determined 0

Drawdown: 0 ft Accuracy: 0 Pumping period: 0 hrs 0

QUALITY OF WATER DATA: Iron ppm 0 Sulfate ppm 0 Chloride ppm 0 Hard. 0

Sp. Conduct K x 10⁶ 0 Temp. °F 0 Date sampled 0

Taste, color, etc. 0

un
2/81
62
38
7
48

Well No.

GEOLOGIC CARD

NAME AS ON MASTER CARD: _____ Physiographic Province: _____ Section: 0.3
 Drainage Basin: D 130 Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, site: _____
 (P) offshore, pediment, hillside, terrace, undulating, valley flat _____

WATER BEARING UNIT: _____ system _____ series T ϕ VICKSBURG aquifer, formation, group

Geology: _____ Origin: U.S. Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft

WATER BEARING UNIT: _____ system _____ series _____ aquifer, formation, group

Geology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft

Drilling Interval: 394' - 422' 6 inch

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

Depth to cement: _____ ft Source of data: _____

Official Infiltration characteristics: _____

Efficient Storage: _____ gpd/ft Coefficient Storage: _____

Efficient Storage: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Well flowed when first drilled. Hasn't noticed any in last 3 or 4 months. Have 120 customers (watered), 2 washatories, 3 chicken farms, School range - 100,000 gallon tank on hill.

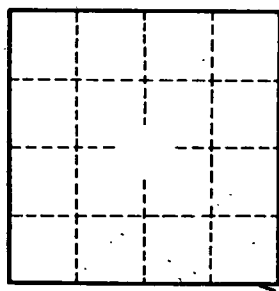
kind Plymouth place

with AS SOE Engineers on this job

and with J. Homan 2-28-67 in regards to this well he said moved over a few feet to drill well. after test hole is made.

- at well sampled
- 300' } Fe (cathinly)
- 418' } - good (Vicksburg)
- 480' } - Colored (Forest Hill)
- q. 365 rock
- 394 white chalk
- f. 425 good sand

- 157-158 1/2 self rock
- 158-166 white chalk
- 166-169 dry tight sand
- 169-192
- 192-204 blue Clay w/sd
- 204-210 tight sand
- 210-284 water sand tight
- 284-336 good sand sand Fe high



Well No.

101

HYDROGEOLOGIC CARD

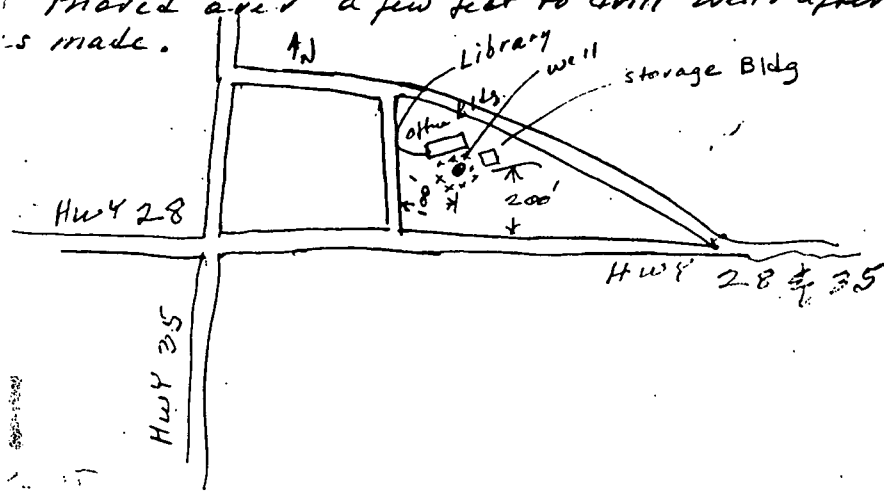
SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
 Drainage Basin: D Subbasin: _____
 (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (V) valley flat
 (P) offshore, pediment, hillside, terrace, undulating, (V) valley flat
 LITHOLOGY: TERTIARY, MIOCENE aquifer, formation, group: Q1A
 system: _____ series: T.M. aquifer, formation, group: _____
 lithology: SAND Origin: Deltaic Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ ft
 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 cement: _____ ft Source of data: _____
 Official serial: _____ Infiltration characteristics: _____
 Specific capacity: _____ gpd/ft Coefficient Storage: _____
 Specific yield: _____ gpd/ft²; Spec cap: _____ Number of geologic cards: _____

might be
 Forest Hill
 Vicksburg
 EFB

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Behind Plymouth place -

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Well No.

~~28~~
 P1