

WRD Ex. (GW)
April 1966

Well No. N 38

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by 11/11/67 Source of data Bowling Date 4/26/67 Map _____

State 28 County (or town) LEE 71

Latitude: 34° 07' 02" N Longitude: 088° 43' 15" W Sequential number: 1

Lat-long accuracy: 1 T. 11 S. 5 W. Sec 24 SW, NE, NE

Local well number: N 03 B A A 2 4 1 1 S 0 5 E Other number: 394

Local use: _____ Owner or name: L. H. OTTS Address: _____

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) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other, (Z) _____ H

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74

Freq. sampling: _____ Pumpage inventory: 75 period: _____ 76

Aperture cards: _____ 77

Log data: DRILLERS 78 79

TRANSMITTED FOR ADP

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 400 ft Meas. 24 3

Depth cased: (first perf.) _____ ft 19 Casing type: _____; Diam. _____ in 29 30

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. 31 X

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other. 32 H

Date Drilled: 966 Pump intake setting: _____ ft 36 38

Driller: HERNDON - HOMAN, SHANNON

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (M) multiple, (N) multiple, (P) none, (R) piston, (S) rot, (T) submerg, (U) turb, (V) other. 39 5 Deep 40

Power (type): (nat) diesel, (elec) elec, (gas) gas, (hand) hand, (LP) gas, (wind) wind; H.P. 1/2 41 5 Trans. or meter no. _____

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

Alt. LSD: 260 Accuracy: (source) _____ 47 4

Water Level _____ ft above below MP; Ft below LSD 60 Accuracy: _____ 52 D

Date meas: 3-25-66 53 3-6-66 55 Yield: _____ gpm 60 Method determined 61

Drawdown: _____ ft 67 Accuracy: _____ 63 Pumping period _____ hrs 66 68

QUALITY OF WATER DATA: Iron _____ ppm 69 Sulfate _____ ppm 70 Chloride _____ ppm 71 Hard. _____ ppm 72

Sp. Conduct _____ K x 10⁶ 73 Temp. _____ °F 74 76 Date sampled _____ 77 79

Taste, color, etc. _____

Well No. N 38

Well No. N38

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
22 D Drainage Basin: 13C Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group EUTAW _____ E2

Lithology: _____ US Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 120 Depth to top of: _____ ft 280

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: _____

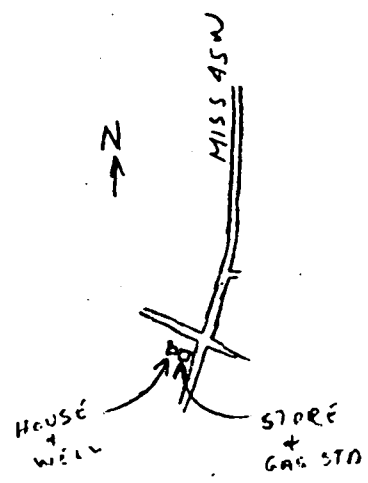
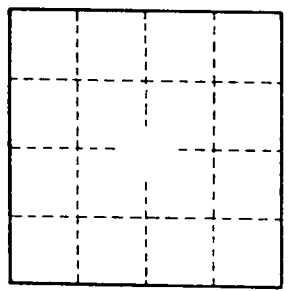
Depth to consolidated rock: _____ ft _____ Source of data: _____ 64

Depth to basement: _____ ft _____ Source of data: _____ 69

Surficial material: _____ Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. N38

Lee
 N38
 3-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Herndon-Homan Well & Supply, Inc.

Date: Nov 25, 1966, Driller: SHANNON, MISSISSIPPI P. O. Box 42 County Lee
 (When well drilled) (Name) (Where well is located)

(1) Owner of Land: <u>L. H. OTTS</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Shannon, Miss.</u> (Address)	<u>Surface Sand & clay</u>	<u>16</u>	<u>16</u>
(2) Location: <u>SW 1/4, SE 1/4, Sec. 24 T11R5</u>	<u>Blue clay</u>	<u>266</u>	<u>280</u>
<u>1/8 miles W</u> of <u>Shannon</u> (distance) (direction) (Nearest Town)	<u>Surface</u>	<u>120</u>	<u>400</u>
(3) Topography: <u>Flat</u> (Hilly) (Flat) (Level)	<u>Bottom</u>	<u>-</u>	<u>400</u>
(4) Purpose of Well: <u>Domestic</u> (Domestic Irrigation Municipal, Industrial, Other)	<u>Bottom</u>		

Information upon completion of well:

(1) Diameter 5 inches.

(2) Total Depth 400 feet.

(3) Water Level 60 feet below top of ground.

(4) Cased to 19' 2", Size 5"

(5) Screen: Size No. 4, Length _____

(6) Were any formations sealed against pollution?
 yes, _____ no.

If YES depth of formation 16'

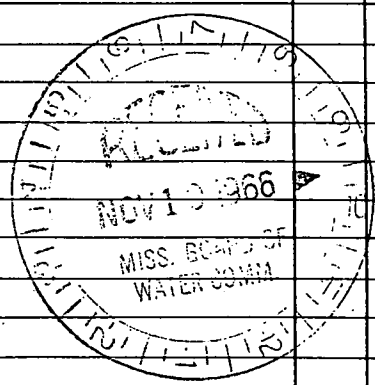
Why Surface & sand

Drillers Remarks: _____

Yield in gpm: 5

Size pump: 1/2 SWB

Type power: Electric



Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.
 394 444-260

