

Exp. (GW)  
April 1966

Well No. D 18

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by THOMSON Source of data BOWC Date 2-20-67 Map \_\_\_\_\_

State MISS County 28 (or town) LEE 41

Latitude: 34 23 24 N Longitude: 088 45 57 Sequential number: 1

Lat-long accuracy: 1 T 8 N 5 W, Sec 15 SE 15 W, NE, NW

Local well number: 00182B1508S05E Other number: 51

Local use: \_\_\_\_\_ Owner or name: J B HANKINGS Address: \_\_\_\_\_

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

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

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  Freq. W/L meas.: I Field aquifer char.

Hyd. lab. data:

Qual. water data; type: PARTIAL USGS

Freq. sampling: Q Pumpage inventory: no period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: DRILLERS D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 520 Meas. DR accuracy 3

Depth cased; (first perf.): 40 ft Casing type: STEEL; Diam. in 5

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other X

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) wash, (M) other H

Date drilled: 963 Pump intake setting: \_\_\_\_\_ ft

Driller: HERNDON SHANNON

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other S Deep  Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind, H.P. < 1.0 Trans. or meter no. S

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 360 Accuracy: TOPO 20' 5

Water Level 80 ft above MP; 80 ft below LSD Accuracy: DRILLER D

Date meas: 7-1963 763 Yield: \_\_\_\_\_ gpm Method determined

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 470 K x 10 3 Temp. \_\_\_\_\_ °F Date sampled 2-16-67 267

Taste, color, etc. \_\_\_\_\_

TRANSMITTED FOR ADP

Well No.

D 18

Well No. D18

Latitude-longitude \_\_\_\_\_  
N  
S  
d m e d m e

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: \_\_\_\_\_  
22 D Drainage Basin: \_\_\_\_\_ 23 13C Subbasin: \_\_\_\_\_ 26

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

MAJOR AQUIFER: system \_\_\_\_\_ series K3 EUTAW (UNRES) aquifer, formation, group E2 30 31

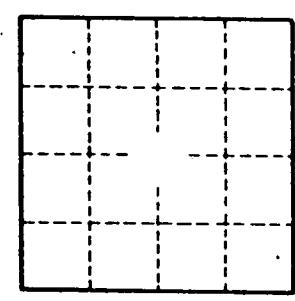
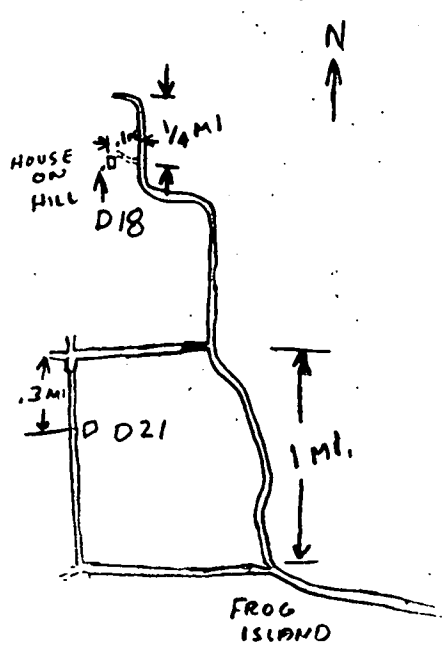
Lithology: US Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft 180 Depth to top of: \_\_\_\_\_ ft 340 35 37 38 40 41 43

MINOR AQUIFER: system \_\_\_\_\_ series K3 COFFEE SAND aquifer, formation, group CS 44 45 46 47

Lithology: UX Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft 100 Depth to top of: \_\_\_\_\_ ft 240 51 53 54 56 57 59

Intervals Screened: \_\_\_\_\_  
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 64  
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 69  
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_ 70 71 72  
Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 73 75 76 78  
Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79

W.L. 74.02 2-16-67



Well No. D18

LEE

MISSISSIPPI BOARD OF WATER COMMISSIONERS

D18  
7-2-63

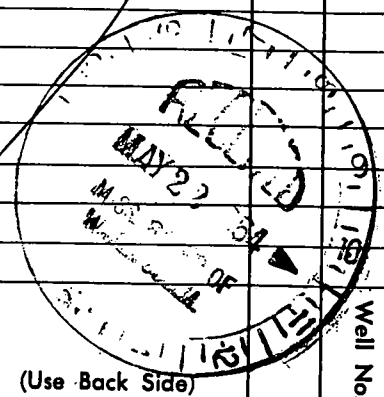
WATER WELL DRILLERS LOG

130  
5598  
74.02

Date: 7/11, 1963, Driller: HERNDON WELL & SUPPLY CO. County: Lee

P.O. BOX 42  
SHANNON, MISSISSIPPI

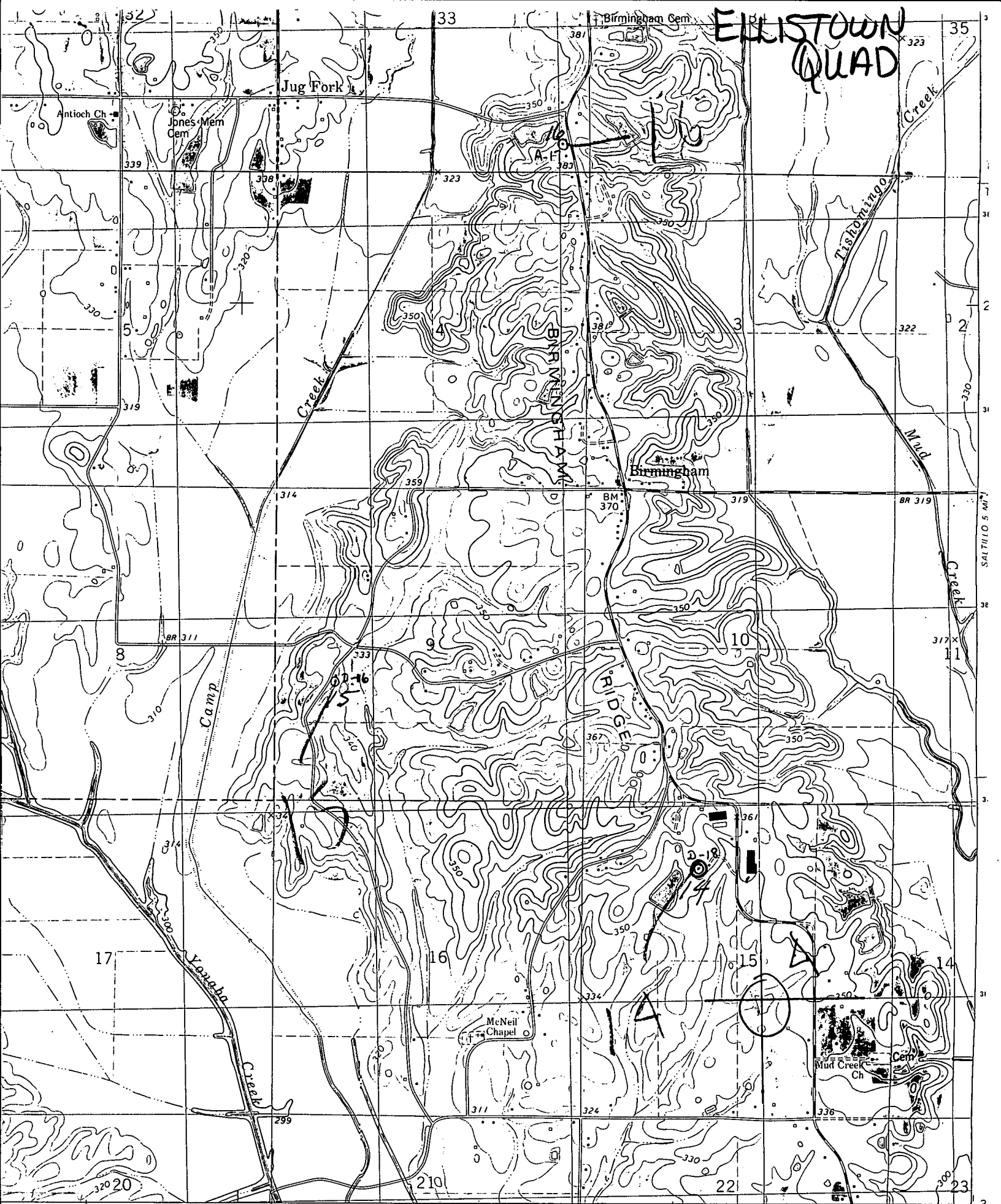
(1) Owner of Land <small>(Name)</small>	Description & Color of Materials <small>Sand, Clay, Red Clay, Shell, etc.</small>	Thick- ness Feet	Depth Feet
J.B. Mackenberry <small>(Name)</small> At Gattilla, Miss. <small>(Address)</small>	uniform sand & clay		0
(2) Location: 1/4, 1/4, Sec 15 T 85 R 9 E 9 miles N W of Gattilla <small>(distance) (direction) (Nearest Town)</small>	Blue rock		38
(3) Topography: flat <small>(Hilly) (Flat) (Level)</small>	Sand		240
(4) Purpose of Well: Domestic <small>(Domestic Irrigation Municipal, Industrial, Other)</small>	Sand & shell		340
Information upon completion of well:	Sand		470
(1) Diameter 5 inches.	Bottom		520
(2) Total Depth 520 feet. 74.02 2/16/67			
(3) Water Level 80 feet below top of ground.			
(4) Cased to 40', Size 54			
(5) Screen: Size —, Length —			
(6) Were any formations sealed against pollution? yes, no.			
If YES depth of formation 34'			
Why: uniform & sand			
Drillers Remarks: submersible			
51			
ELEV 300			



(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

# ELLISTOWN QUAD



335 47'30" MACEDONIA 1 MI. 336

● INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1981  
338000mE

88°45'

### ROAD CLASSIFICATION

Primary highway, hard surface  Light-duty road, hard or improved surface 

1 MILE

6000 7000 FEET