

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Elog # 35 JAN 24 1973

MASTER CARD

Record by WTR Source of data Obs. driller Date 5/70 Map \_\_\_\_\_

State 28 County Clay (or town) 13

Latitude: 33° 37' 09" N Longitude: 088° 55' 02" W Sequential number: 1

Lat-long accuracy: 2 T. 200 S. R. 13 W. Sec 10 SE W t. SE NE t.

Local well number: F023DA1020N13E Other number: \_\_\_\_\_

Local use: 021035 Owner or name: J. L. WALKER Address: \_\_\_\_\_

Ownership: (C) 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) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (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.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling:  Pumpage inventory:  period: \_\_\_\_\_

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

Log data: Elog 306' - 715' \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 900 ft Meas. 3

Depth cased; (first perf.) 303 ft Casing type: \_\_\_\_\_; Diam. 4 in

Finish: porous concrete, gravel w. concrete, (perf.), (screen), gravel w. (screen), horiz. gallery, open end, other \_\_\_\_\_

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percusson, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other \_\_\_\_\_

Date Drilled: 970 Pump intake setting: \_\_\_\_\_ ft

Driller: HERNDON-HOMAN 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): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1/2 Trans. or meter no. 5

Descrip. MP 305 (12/89) ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 300 Accuracy: topo

Water Level: 100 ft above below MP; Ft below LSD Accuracy: \_\_\_\_\_

Date meas: 670 Yield: 5 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 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No.

F23

F23

Well No. \_\_\_\_\_

PUNCHED

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group E2

Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft  
Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ 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: \_\_\_\_\_

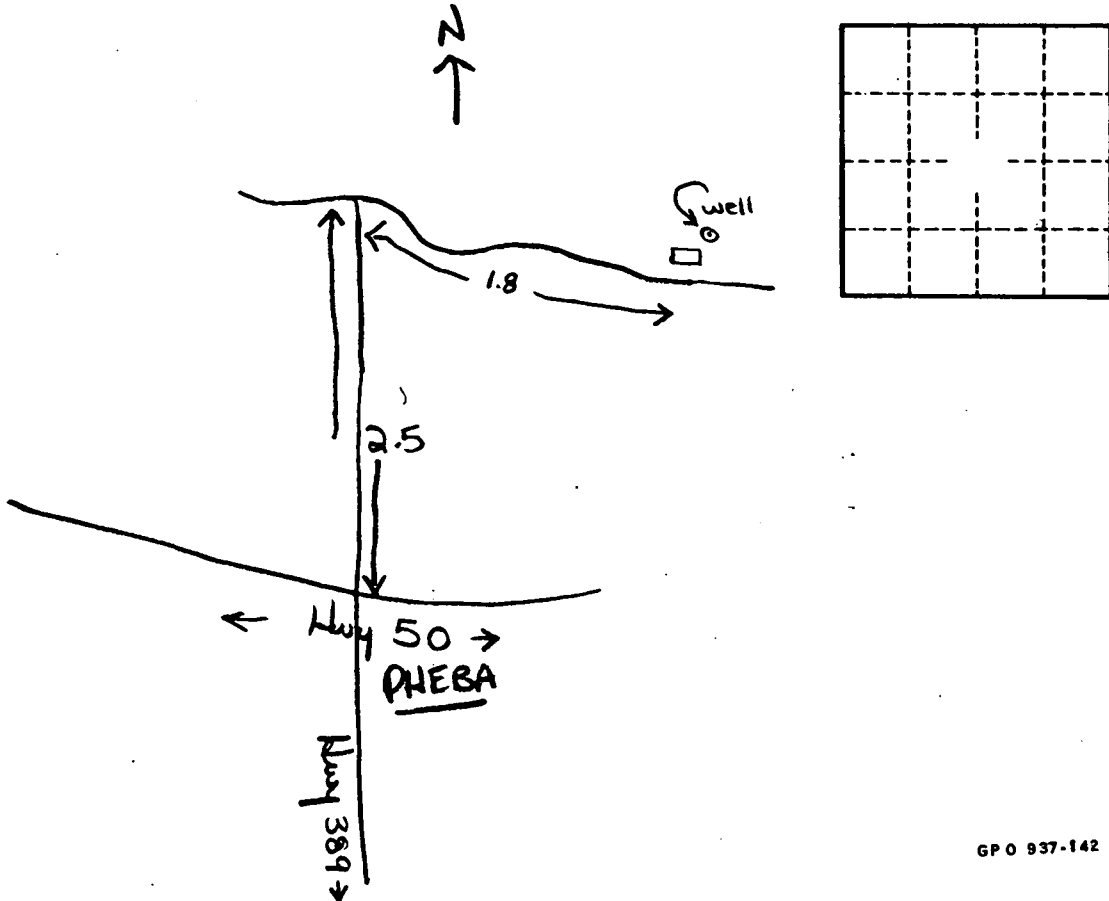
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. \_\_\_\_\_

F23

Clay Co  
 F23  
 6-17-70

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

6-17 1970 Thurston-Homan Well Supply Clay  
 date well completed firm name county well located

LANDOWNER: Leon Walker  
Pheba Minn.  
 (mailing address)

WELL LOCATION:  
 sec. 10 T. 20 N. R. 13 E.  
2 1/2 miles NE of Pheba  
 (distance) (direction) (nearest town)

WELL PURPOSE: Home  
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 4
  - (2) total depth (feet) 900
  - (3) static water level (feet) 100 below above top of ground.
  - (4) casing Steel 303'  
 (material) (depth)  
4" if telescope see back.  
 (size)
  - (5) screen no  
 (length) (depth to top)  
 (size) (material)
  - (6) pump 1/2 5  
 (HP) (yield gpm)  
Electric  
 (type power)
  - (7) electric log yes  
 (yes or no)  
USGS to 715'  
 (organization running log)
  - (8) how well bottom plugged \_\_\_\_\_

description of formations encountered	from	to
Surface sand & clay	0	25
Blue clay	25	57
Streaks light sand	50	580
Green clay		
Green clay & sand		
STRAAT	580	680
Green clay	680	715
Light sand	715	735
Green clay	735	785
SAND	785	900

DRILLERS REMARKS:

MISS. OF  
 WATER

BL

v Clay

PHEBA

7.5 MINUTE S

SW/4 PI

3251 III NW

(MONTPELIER)

321

322 55'

323

480000 FEET

325

