

FORM 9-1642 (1-68)

Well No. K 45

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by JCM Source of data BOWC Date 3-72 Map _____

State 28 County Prentiss (or town) _____

Latitude: 34° 31' 06" N Longitude: 088° 34' 43" W

Lat-long accuracy: 2 T 60 S R 70 W, Sec 32 NE/4, SE 4, NE 4

Local well number: K 045 3206507E Other number: _____

Local use: 268 _____

Owner or name: WM. CAGLE Address: Baldwyn

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, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other. H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) 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: _____

Aperture cards: _____ yes no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 344 ft Meas. rept. accuracy 3

Depth cased; (first perf.): 54 ft Casing type: Steel; Diam. in 4

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

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

Date Drilled: 9:7:72 Pump intake setting: _____ ft

Driller: Bonds Well Drly.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other. S Deep Shallow

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 1 1/2 Trans. or meter no. 7

Descrip. MP 424' (11/89) ft above below LSD, Alt. MP _____

Alt. LSD: 400 Accuracy: (source) 5

Water Level: _____ ft above below MP; Ft. below LSD 8.1 Accuracy: D

Date meas: 2:7:72 Yield: _____ 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. _____

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HYDROGEOLOGIC CARD

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

D Drainage Basin: 13B Subbasin: _____

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

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

Lithology: _____ U.S Origin: 6 Aquifer Thickness: 53 ft

Length of well open to: _____ ft 53 Depth to top of: _____ ft 291

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: NONE

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

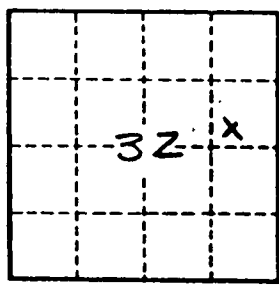
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ _____ Infiltration characteristics: _____

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

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

*Red clay 0-10'
 white clay 10-20'
 yellow sand 20-25'*



Well No. K45

PRENTISS
K 45
2-28-72

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

WATER WELL DRILLERS LOG

CODED

2-28 1972 Bond's Well Drilling Panola
date well completed firm name county well located

LANDOWNER: <u>William Cagle</u>	description of formations encountered	from	to
<u>Baldwin Miss</u> (mailing address)	<u>Red clay</u>	<u>0</u>	<u>47</u>
	<u>Blue clay</u>	<u>49</u>	<u>291</u>
	<u>Water sand</u>	<u>291</u>	<u>344</u>
WELL LOCATION:			
sec. <u>32</u> T <u>6</u> N R <u>7</u> E			
<u>2</u> miles <u>East</u> of <u>Baldwin</u>			
(distance) (direction) (nearest town)			
WELL PURPOSE: <u>Home</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>4</u>			
(2) total depth (feet) <u>344</u>			
(3) static water level (feet) <u>81</u> below above top of ground.			
(4) casing <u>Steel</u> <u>54</u> (material) (depth)			
<u>0</u> if telescope see back. (size)			
(5) screen <u>bars</u> (length) (depth to top)			
<u> </u> (size) (material)			
(6) pump <u>1 1/2</u> <u>5</u> (HP) (yield gpm)			
<u>Electric pump</u> (type power)			
(7) electric log <u>No</u> (yes or no)			
<u> </u> (organization running log)			
(8) how well bottom plugged <u>Open</u>			
DRILLERS REMARKS:			

CODED

WHEELER QUAD

