

8/1/96

FORM 9-1642 (1-68)

Well No.

K122

WELL SCHEDULE

Ebg# 245

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GW03812 0610075-01

MASTER CARD

msgs.

Record by WTD Source of data Obs. driller Date 2/70 Map Jackson

State 28 County (or town) RANKIN 61

Latitude: 32¹18²40³N⁴ Longitude: 09¹²0¹⁵08¹⁸09²¹ Sequential number: 1

Lat-long accuracy: 2²⁰ T. 50²⁵ S. R. 2³⁰ W. Sec 6 SE NW NW

Local well number: K122660605N02E Other well number: B & M

Local use: 064245 Owner or name: Town of Flowood

Owner or name: FLOWOOD Address: CITY HALL WELL

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) 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) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other unused

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: yes no; period:

Aperture cards: SPRT yes

Log data: Elog 3'-668(usgs) 10-773(msgs) D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 730¹⁹ ft 724²⁰ Meas. rept 3²⁴

Depth cased; (first perf.) ft 674²⁵ Casing type: Steel²⁸; Diam. 8 1/2²⁹ in 8³⁰

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other S³¹

Method: (A) air, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air, (H) reverse, (I) trenching, (J) driven, (K) drive, (L) rot., (M) rot., (N) percussion, (O) rotary, (P) wash, (Q) other H³²

Date Drilled: 970³³ Pump intake setting: ft ³⁶ ³⁸

Driller: Jayne Central³⁵

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): (A) diesel, (B) nat gas, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P.⁴⁰ Trans. or meter no. 5⁴¹

Descrip. MP above ft below LSD, Alt. MP

Alt. LSD: 272⁴² Accuracy: T⁴³ 4⁴⁷

Water Level: 152⁴² ft above below MP; Ft below LSD 152⁴³ Accuracy: 143 @ 70'⁵² D⁵²

Date meas: 370⁵² Yield: 250⁵³ gpm 250⁵⁴ Method determined ⁶¹

Drawdown: ft Accuracy: Pumping period hrs ⁶⁶ ⁶⁸

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ⁷²

Sp. Conduct K x 10⁶ Temp. *F Date sampled ⁷³ ⁷⁴ ⁷⁵ ⁷⁶ ⁷⁷ ⁷⁹

Taste, color, etc.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

K122

Well No. K122

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 137 Subbasin: _____

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

MAJOR AQUIFER: system _____ series T.E aquifer, formation, group S.S

Lithology: V.S Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 80 ft 62 Depth to top of: 650 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: _____

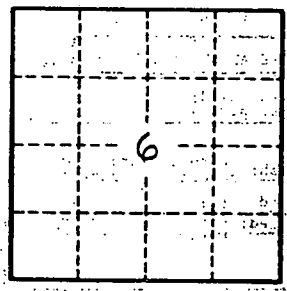
Surficial material: _____ Infiltration characteristics: _____

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

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

COMPUTATION BRANCH
ENGINEERING DIVISION

WL = 202. 10/10/91



Well No.

K122

Rankin
K 122
3-6-70

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

E-log 245

CODED

WATER WELL DRILLERS LOG

3/6 1970 Layne-Centel Co. Rankin
date well completed firm name county well located

LANDOWNER:
Town of Flowood
Flowood, Miss.
(mailing address)

WELL LOCATION:
sec. 6 T. 5 N. R. 2 E
miles of (distance) (direction) (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 8"
(2) total depth (feet) 730'
(3) static water level (feet) 152' below above top of ground.
(4) casing Steel, 668' (material) (depth)
8" if telescope see back. (size) and 55' 8 6"
(5) screen 50', 674' (length) (depth to top)
6", Stainless Steel (size) (material)
(6) pump (HP) (yield gpm)
Electric (type power)
(7) electric log USGS (yes or no)

(organization running log)
(8) how well bottom plugged solid
Bottom

DRILLERS REMARKS:
Pump not installed as of this date

| description of formations encountered | from to | |
|---------------------------------------|---------|-----|
| | | |
| Clay | 0 | 12 |
| Sand | 12 | 26 |
| Clay & Sand streaks | 26 | 38 |
| Clay | 38 | 183 |
| Sand | 183 | 240 |
| Hard Clay | 240 | 328 |
| Hard Loh | 328 | 333 |
| Hard Shale | 333 | 419 |
| Sandy Shale | 419 | 538 |
| Hard Shale | 538 | 550 |
| Sand & Shale streaks | 550 | 619 |
| Sand streaks of shale | 619 | 650 |
| Sand | 650 | 724 |
| Clay | 724 | 730 |

CODED

MAR 11 1970

MISS. BD. OF
WATER COM.

Copy mailed to Board of Water Commissioners 3/10/70

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Redone, 8/1/96

USER NAME(S): Hardin/Phillips DATE: ~~7/2/96~~

UNIT DEQ #: _____ FILE #: B070212A

HEALTH DEPT. #: 610075-01 (610010-02) ELEV. @ 272'

USGS #: K122 OLWR #: Gw03812

OWNER: North Flawood QUAD: Jackson

LOCATION: NW/NWS 6 T 5N R 2E COUNTY: RANKIN

LOCATION DESCRIPTION: Well behind city hall

CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 30 HP

GPS FIELD LOCATION: LAT. 32° 18' 31.3" N LONG. 90° 08' 19.8" W

GPS CORRECTED LOCATION: LAT. 32.30892722 LONG. 90.13868477

REMARKS: Measured 15' south of well

New file #: A080117B
Measured 25' south of well
32° 18.539' N 90° 08.314' W



LUCKNEY 3.1 MI
10 MI. TO MISS. 471

JACKSON SE
2948 7 SE

T 6 N
3579

T 5 N
3578

17'30"

3576

80
MC LAURIN HEIGHTS 1 MI
BRANDON 8 MI

3574