

Byhalia

WRD Exp. (GW)
April 1966

Well No. _____

D5

WELL SCHEDULE

8 Log # 11

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GW1173

MASTER CARD

Record by P.E. Grantham Source of data Boyle Driv. & E Log Date 11-20-68 Map Byhalia Quad

State Miss County Marshall (or town) Byhalia

Latitude: 34 5 2 2 0 1 Longitude: 0 8 9 4 6 2 3

Lat-long accuracy: 2 T. 2 R. 5 Sec 36 SW SW 1/4, NW 1/4, NW 1/4

Local well number: D 0 0 5 R B 3 6 0 2 5 0 5 1 1 Other number: _____

Local use: 0 6 4 0 1 1 N. 7 2 4 3 Owner or name: Town of Byhalia

Owner or name: BYHALIA Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char. Z

Hyd. lab. data: _____

Qual. water data; type: USGS 3/70

Freq. sampling: Pumpage inventory: no, period: _____

Aperture cards: _____

Log data: E-log 0-1737 D-log D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1 6 2 0 ft Meas. rept accuracy 3

Depth cased: (first perf.) 1 5 5 0 ft Casing type: Steel; Diam. 10 X 8 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horz. gallery, (I) open end, (J) other S

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

Date Drilled: 1/69 1 6 9 Pump intake setting: _____ ft

Driller: Layne Central Memph., Tenn

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 T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 40 Trans. or meter no. _____

Descrip. MP 350 ft above below LSD. Alt. MP _____

Alt. LSD: 360 3 6 0 Accuracy: (source) CJ 20' 4

Water Level: _____ ft above below MP; Ft below LSD 0 Accuracy: _____ D

Date meas: N 7 2 Yield: _____ gpm 450 Method determined _____

Drawdown: 3 ft Accuracy: _____ Pumping period _____ hrs 1

QUALITY OF WATER DATA: Iron 0.15 ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 250 K x 10⁶ Temp. _____ °F Date sampled 4 7 0

Taste, color, etc. pH reported 8.6 Fluoride 5.2 ppm

connections
9/12/72

8/10/87
WL = 47.57

10/19/78
WL = 35.

FUNCTIONED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

D5

Well No. DS

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ 0.3 Section: _____

Drainage Basin: D 15E Subbasin: _____

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

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

Lithology: _____ US Origin: _____ 6 **Aquifer Thickness:** 50-80 ft

Length of well open to: _____ ft 80 **Depth to top of:** _____ ft 70 **Aquifer Thickness:** A55

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: 70' of seven 1550 - 1620 (55)

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

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

Surficial material: _____ **Infiltration characteristics:** _____

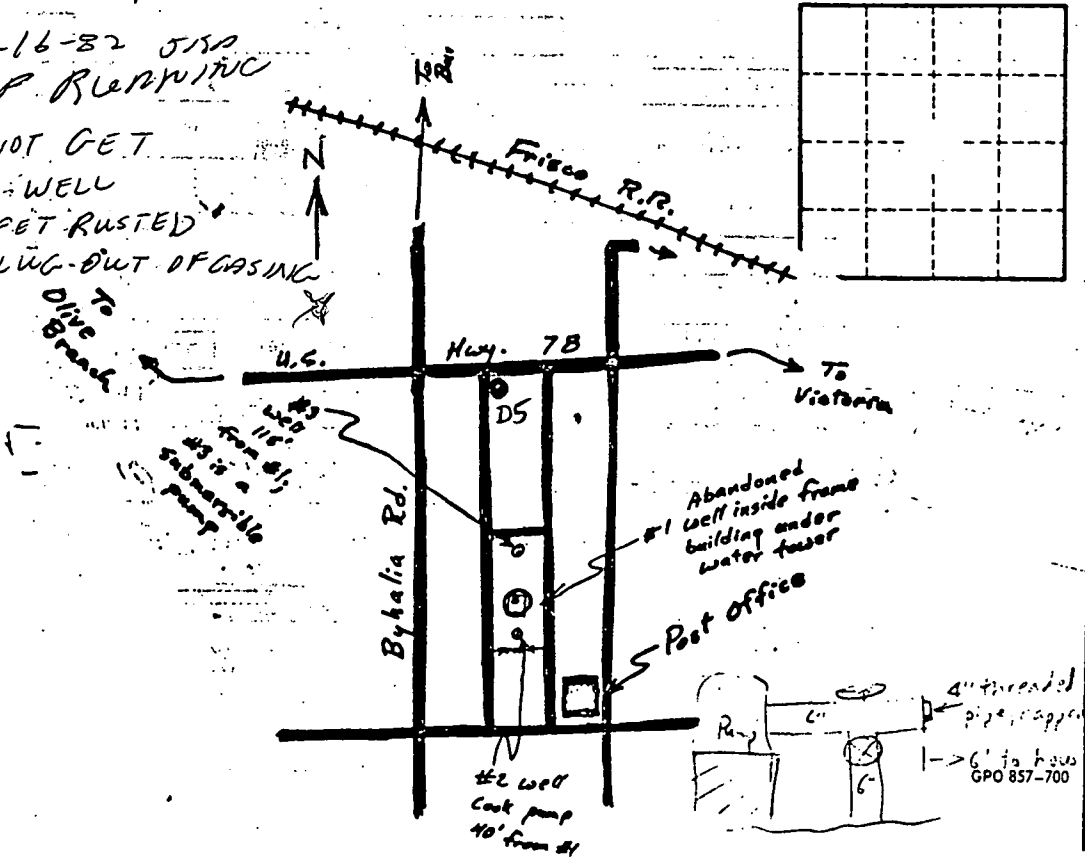
Coefficient Trans: 6000 gpd/ft 602 **Coefficient Storage:** _____

Coefficient Perm: 75 gpd/ft²; **Spec cap:** 4.3 gpm/ft; **Number of geologic cards:** _____

WL #13 11/68

150' of airline

11-16-82 JSD
PUMP RUNNING
 CANNOT GET INTO WELL
 CANT GET RUSTED
 3/4" PLUG-OUT OF GASING



Well No. _____

DS

D5 / D60 Byhalia WA

Byhalia Quad

Elevation 360

near "NW" water tank
next to Cemetery

MEMPHIS, TENN. (INTERSTATE 240) 21 MI.
OLIVE BRANCH 11 MI. 3053 1 NW
D60 (BYHALIA NW)

