

SITE ID = 330304088532801

Boon-Quad
1075

WRD Exp. (GW) **GW-12576**
April 1966

Well No. **M11**

WELL SCHEDULE

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

MASTER CARD

Record by **C. J. J. J.** Source of data **MANUAL** Date **12-11-68** Map

State **Miss 00** County **Winston 0** (or town) **80**

Latitude: **33° 03' 04" N** Longitude: **088° 53' 28" W** Sequential number: **7**

Lat-long accuracy: **4** T. **14** S. R. **14** W. Sec. **20** **SE** **NW**

Local well number: **M 0 1 1 D B 2 0 1 4 N 1 4 E** Other number: **B & M**

Local use: **0 0 2** **2 7 0** Owner or name: **Ellison Ridge Water**

Owner or name: **ELLISON RIDGE** Address: **Louisville, Miss.**

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Unused, (U) Reprressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other **P**

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. **Z**

Hyd. lab. data:

Qual. water data; type: **USGS 3-18-70**

Freq. sampling: Pumpage inventory: no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: **188** ft Meas. rept accuracy **3**

Depth cased: (first perf.) **168** ft Casing type: **Bl. St.**; Diam. **10** in

Finish: porous concrete, gravel w. (perf.); gravel w. (screen); horiz. open perf., screen, sd. pt., shored, open hole, other **S**

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

Date Drilled: **3/68** Pump intake setting: **9:68** ft

Drilled: **Robert E. Rattliff** name address

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. **15** Trans. or meter no. **U**

Descrip. MP **4** ft above below LSD, Alt. MP

Alt. LSD: **590** Accuracy: (source)

Water Level: **95** ft above below MP; Ft. below LSD Accuracy: **A**

Date meas: **270** Yield: **2000** gpm **192** Method determined **4**

Drawdown: **17** ft Accuracy: Pumping period **1** hrs **1**

QUALITY OF WATER DATA: Iron **0.9** ppm Sulfate **2** ppm Chloride **2.7** ppm Hard. **4** ppm

Sp. Conduct **24 < 50** K x 10 **6** Temp. **63** °F **190** Date sampled **370**

Taste, color, etc. **Field pH = 4.7**

PUNCHED AND FILED
ROBERTA COMPUTATION BRANCH

Well No.

M11

DS-31

Well No. M11

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 137 Subbasin: _____

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

MAJOR AQUIFER: TE LW
system series aquifer, formation, group

Lithology: US Origin: 2 Aquifer Thickness: _____ ft

76 Length of well open to: _____ ft 20 Depth to top of: 114 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: 168-188 6" SS

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

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

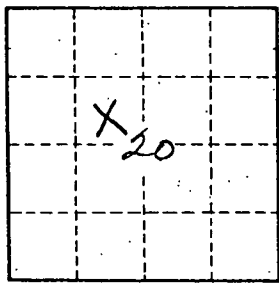
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 7.23 gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: 1.00 gpd/ft²; Spec cap: 4 gpm/ft; Number of geologic cards: _____

Results of test are questionable

Lloyd Wiley - maint man
773-2347



WL 98' 1968 (rpt d.1)
95' 1970
94' 1981/7

Well No.

M11

5 13T

330250N0885330

Winston
M 11
3-68

540 MSC
MISSISSIPPI CODED TELW
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

March 1968 Robert E. Laffey Co. Winston
date well completed firm name county well located

LANDOWNER: Ellison Ridge
Water Assn.
Louisville, Miss.
(mailing address)

description of formations encountered	from	to
Clay	0	15
Sand, black	15	16
Red Sand	16	96
Sandy shale	96	114
Sand (76')	114	190
Shale	190	194

WELL LOCATION:
sec 20 T 14 N R 14 E
14 miles East Louisville
(distance) (direction) (nearest town)

WELL PURPOSE: Community Use
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10x6
 - (2) total depth (feet) 188
 - (3) static water level (feet) 98 below top of ground
 - (4) casing 8" St. 168 (material) (depth)
10" (size) if telescope see back.
 - (5) screen 20' 168 (length) (depth to top)
6" St. St. (size) (material)
 - (6) pump 15 200 (HP) (yield gpm)
electric (type power)
 - (7) electric log 420 (yes or no)
 - (organization running log)
 - (8) how well bottom plugged BPU

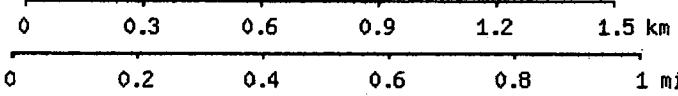


DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 11/13/96
UNIT DEQ #: 82859 FILE #: B11322B
HEALTH DEPT. #: 800013-01 ELEV. _____
USGS #: M11 OLWR #: GW 12576
OWNER: Ellison Ridge w/A QUAD: Boon
LOCATION: SE-NW S 20 T 14 N R 14 E COUNTY: Winston
LOCATION DESCRIPTION: In Fence at Plant & Tank on North side of
Crystal Ridge Rd .15 mi. East of Intersection
with Ellison Ridge Rd. (SE of Boon)
CASING DIA: 10" PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 33° 02' 59.4" LONG. 88° 53' 22.2"
GPS CORRECTED LOCATION: LAT. 33.04970471 LONG. 88.88972609
REMARKS: GPS 75' SW of well.



Map center is 33.0497°N, 88.8897°W (WGS84/NAD83)

Boon quadrangle

Projection is UTM Zone 16 NAD83 Datum

GW-12576
DOH-800013-01



M=-0.557

G=-1.031