

DOH # 800001-02
GW-2730
ID 330744088573801

WRD Exp. (GW)
April 1966

Well No. F1

WELL SCHEDULE

Log # 32

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

MASTER CARD

Record by B Source of data Bwe Date 7 68 Map Betheden Quat

State Miss 8 28 County (or town) Winston 4 80

Latitude: 33 07 44 N Longitude: 08 8 57 38 Sequential number: 1

Lat-long accuracy: 2 T. 15 S. R. 13 W. Sec 27, NE 1/4, NW 1/4

Local well number: F001AB2715N13E Other number: B & M

Local use: 064012 Owner or name: BOND WATER ASSOC Address: _____

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) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (X) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: MSBOH ANAL. 9-26-68

Freq. sampling: _____ Pumpage inventory: period: _____

Aperture cards: _____

Log data: Samples, E log on test by M=Donald D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 210' ft 206 Meas. 3

Depth cased; (first perf.) ft 187 Casing type: _____; Diam. 10x6 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

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

Date Drilled: 9.6.6 Pump intake setting: _____ ft 150

Driller: _____ 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 T Deep D Shallow 40

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

Descrip. MP 20 ft above below LSD, Alt. MP _____

Alt. LSD: 548 Accuracy: (source) _____

Water Level: _____ ft above below MP; _____ ft below LSD Accuracy: 90

Date meas: 2.7.7 Yield: _____ gpm Method determined A

Drawdown: _____ ft 3.0 Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 00 Sulfate _____ Chloride 8.0 Hard. 0

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

075 and 064

76

DS=23

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

11

Well No. F1

Latitude-longitude _____
 d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: 0 **Subbasin:** 137

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

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

Lithology: US **Origin:** 2 **Thickness:** _____ ft

Length of well open to: 50 ft **Depth to top of:** 25 ft **Thickness:** 156 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ **Origin:** _____ **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:** _____

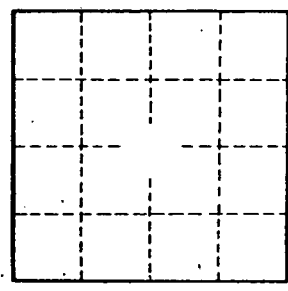
Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

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

Top lap 130'

1976

Red sandy clay 0-20
 White clay, stks sd 20-85
 Sand 85-90
 Clay 90-111
 Sandy clay 111-156
 Sand, stks of clay balls 156-170
 Sand, few hard stks 170-206
 Clay 206-210



25x6" Shutter.

Well No.

F1

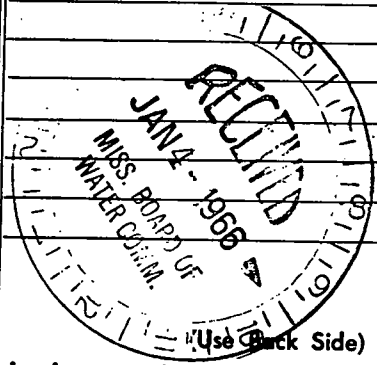
Winston
F)
6-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS *El log # 12*
 & 13T CODED
WATER WELL DRILLERS LOG

Date: June, 1966, Driller: Layne-Central Co. County Winston
 (Name)

(1) Owner of Land: <u>Bond Water Assoc.</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>6 Mi. East of Louisville, Miss.</u> (Address)	<u>Red Sandy Clay</u>	<u>20</u>	<u>20</u>
(2) Location: <u>NE 1/4, NW 1/4, Sec 27 T 15 R 12</u> <u>6 miles East</u> of <u>Louisville</u> (distance) (direction) (Nearest Town)	<u>White Clay, Stks. Sand</u>	<u>65</u>	<u>85</u>
(3) Topography: _____ (Hilly) (Flat) (Level)	<u>Sand</u>	<u>5</u>	<u>90</u>
(4) Purpose of Well: <u>Domestic</u> (Domestic Irrigation Municipal, Industrial, Other)	<u>Clay</u>	<u>21</u>	<u>111</u>
Information upon completion of well:	<u>Sandy Clay</u>	<u>14</u>	<u>125</u>
(1) Diameter <u>10</u> inches.	<u>Sandy Clay</u>	<u>31</u>	<u>156</u>
(2) Total Depth <u>206</u> feet.	<u>Sand, Stks. of Clay Balls</u>	<u>14</u>	<u>170</u>
(3) Water Level <u>76</u> feet below top of ground.	<u>Sand, few hard streaks</u>	<u>36</u>	<u>206</u>
(4) Cased to <u>170'</u> , Size <u>10"</u>	<u>Clay</u>	<u>4</u>	<u>210</u>
(5) Screen: Size <u>6"</u> , Length <u>25 ft.</u>			
(6) Were any formations sealed against pollution? <u>yes</u> , _____ no.			
If YES depth of formation <u>170'</u>			
Why <u>Required</u>			
Drillers Remarks:			

206/170



Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotw/beat DATE: 11/7/96

UNIT DEQ #: 82859 FILE #: B110723A

HEALTH DEPT. #: 800001-02 ELEV. _____

USGS #: F-1 OLWR #: GW-2730?

OWNER: Bond Water Assoc. #1 QUAD: Betheden

LOCATION: NW-NW s 27 - 15NR13E COUNTY: WINSTON

LOCATION DESCRIPTION: IN Fence on South side of McNeil Rd. .25 mi.

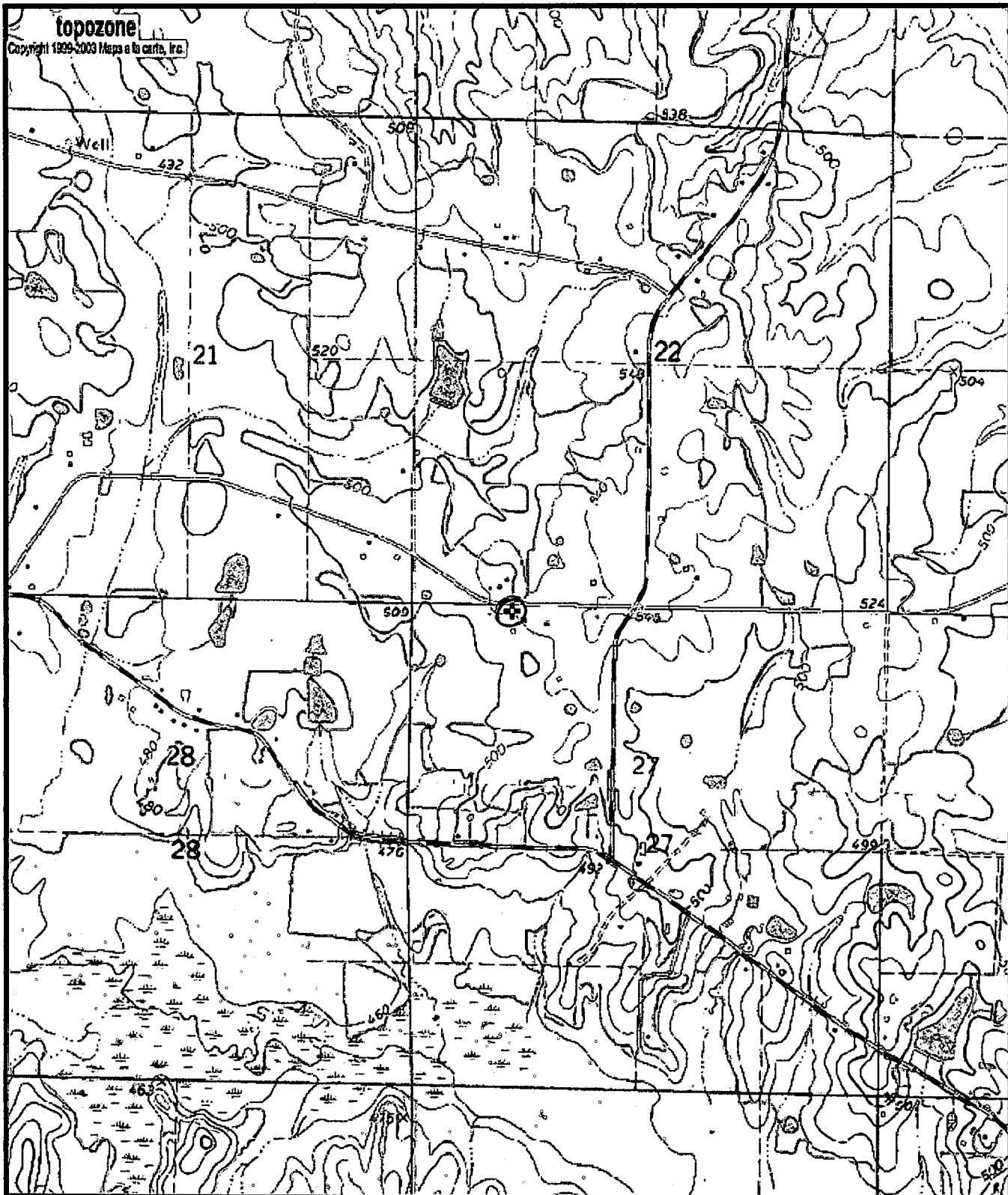
West of Intersection with Mill Creek Rd (East of Louisville)

CASING DIA: 8"-10" PUMP TYPE & SIZE: 10 HP Elec.

GPS FIELD LOCATION: LAT. 33° 07' 50.6" LONG. 88° 57' 43.7"

GPS CORRECTED LOCATION: LAT. 33.13056839 LONG. 88.96215200

REMARKS: GPS at well



0 0.3 0.6 0.9 1.2 1.5 km
0 0.2 0.4 0.6 0.8 1 mi
Map center is 33.1306°N, 88.9622°W (WGS84/NAD83)
Betheden quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=-0.487
G=-1.073