

MAR 17 1975

GW12542 0230005-01

Well No. G 68

Elog # 71

WELL SCHEDULE GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

PUNCHED MAR 18 1974

MASTER CARD

Record by JCM WTR Source of data BOWC MSGS Date 7-29-71 Map VIDALIA

State 28 County (or town) HANCOCK 23

Latitude: 30<sup>deg</sup> 23<sup>min</sup> 43<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 9<sup>min</sup> 21<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 1 T 7 N 14 S 36 SW SE, NW NE, NW SE B & M

Local well number: G0688B3607514W Other number: \_\_\_\_\_

Local use: 064071 Owner or name: Diamondhead Water & Sewer District

Owner or name: DIAMONDHEAD, INC Address: BAY ST., MISS.

JAN 14 1975

10/15/82  
WL = 35.85  
- 2.2  
55.85

MP = 2' 1" on west or E side of well

T = 27°  
Cond = 340  
pH = 8.8

11/19/83  
80  
22.5  
57.5  
- 2.0  
55.5

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, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA

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

Log data: Elog 10' - 1790' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 930 ft Meas. rept accuracy 3

Depth cased: (first perf.) 870 ft Casing type: Steel; Diam. 10 in

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

Method Drilled: (A) air rot, (B) bored, cable, dug, rot., (C) air rot., (D) hyd jetted, (E) air percussion, (F) air reverse, (G) air trenching, (H) driven, (I) air wash, (J) air wash, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other H

Date Drilled: 7/71 971 Pump intake setting: \_\_\_\_\_ ft

Driller: SINGER-LAYNE, JACKSON, MISS.

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, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) other, (J) other, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other 100 W Trans. or meter no. 2

Descrip. MP 78 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 84 Accuracy: (source) ENGR.

Water Level: \_\_\_\_\_ ft above MP; \_\_\_\_\_ ft below LSD 39 Accuracy: \_\_\_\_\_

Date meas: 971 Yield: \_\_\_\_\_ gpm Method determined 1100

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct 3 K x 10<sup>6</sup> Temp. 250 °F Date sampled 674

Taste, color, etc. \_\_\_\_\_

Well No.

1100



FILE # 71

**HANCOCK**  
 15-16  
 9-1-71

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

**CODED**

WATER WELL DRILLERS LOG

9-1 date well completed 19 71 Singer-Sum Central Div. Hancock firm name county well located

LANDOWNER:  
 Diamondhead, Inc.  
 Bay St. Louis, Miss.  
 (mailing address)

WELL LOCATION:  
 sec. 36 T 7 S R 14 W  
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:  
 (1) diameter (inches) 18"  
 (2) total depth (feet) 943'  
 (3) static water level (feet) 39 below top of ground.  
 (4) casing Steel 870' (material) (depth) 18" and 65' 5 10" (size) if telescope see back.  
 (5) screen 60' 870' (length) (depth to top) 10" Stainless Steel (size) (material)  
 (6) pump 100 1100 (HP) (yield gpm) Electric (type power)  
 (7) electric log yes (yes or no) Miss. Geol. Survey (organization running log)  
 (8) how well bottom plugged Valve

description of formations encountered	from	to
Red Sandy Clay	0	20
Sand & Clay streaks	20	117
Clay & Sand streaks	117	174
Clay	174	197
Clay and Sand streaks	197	242
Fine Sand & Clay streaks	242	257
Blue Clay	257	274
Sand	274	386
Shale	386	430
Sandy Shale	430	482
Hard Shale	482	545
Shale & Sand streaks	545	583
Shale	583	614
Sand & Shale streaks	614	660
Coarse Sand	660	770
Sand & Shale streaks	770	792
Hard Shale	792	858
Coarse Sand WELL	858	959
Hard Shale	959	985
Light Hard & Soft Shale	985	1026
Hard Shale	1026	1062
Hard Shale	1062	1080
Hard Shale	1080	1138
Hard Lime	1138	1184
Soft Lime, Sand & Shale	1184	1476
Sand and Shale streaks	1476	1535
Sand	1535	1583
Hard Shale & Lime	1583	1655
Sand & Shale streaks	1655	1696
Sand	1696	1766
Sand & Shale streaks	1766	1799

SEP 9 1971

DRILLERS REMARKS:  
 Pump not installed as of this date

MISS. BD. OF WATER COMM.

Mailed to Board of Water Commissioners 9/21/71

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

RECEIVED  
MAR 16 2000

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES  
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 996-5000

This box is for office use only.

4-25-2000 A.G.N.

Department of Environmental Quality  
Office of Land & Water Resources  
FORM OLWR-AP-2 (REV. 9/94)

Issued: 7-10-90	Expires: 4-25-2000	Fee Paid: X	Permit No.
Lat. 302350	Long. 892116	Elev. 70	USGS No.
Quad. VIDALIA	ASCS Farm No.	STAC.	MSDOH No. 230005-01
Aquifer: PCGLW	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-12542

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E

SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation  
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Diamondhead Water & Sewer District  
(Name) \_\_\_\_\_ (SSN or Tax ID No.) \_\_\_\_\_

PO Box 6190  
(Address) \_\_\_\_\_

Diamondhead, MS 39525 (228) 255-5813  
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

\_\_\_\_\_  
(Name) \_\_\_\_\_ (SSN or Tax ID No.) \_\_\_\_\_

\_\_\_\_\_  
(Address) \_\_\_\_\_

\_\_\_\_\_  
(City) (State & Zip) (Telephone) \_\_\_\_\_

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

NW 1/4 of the NW 1/4 of Section 36, Township 07S, Range 14W, County Hancock

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. GW-12541, 350gal/min GW-14652, 1000gal/min

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene Upper Passaic aquifer MISSISSIPPI DEPARTMENT OF HEALTH NO.: 230005-01

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.

If well has already been drilled, when was well completed (date)? October 1, 1971. Under whose name was well originally drilled (if known)? \_\_\_\_\_

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 930 feet. DRILLER: Layne - Central

(b) SURFACE CASING: Length 870 feet; Diameter 18" inches; Type \_\_\_\_\_

(c) SCREEN: Length 60 feet; Diameter 10" inches; Type \_\_\_\_\_

(d) PUMP: Type turbine; Size \_\_\_\_\_; Capacity 1100 gallons per minute; Setting depth 151 feet

(e) POWER UNIT: Type electric motor; Size 100 horsepower

4. PERMITTED VOLUME :

(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute

(b) 0.480 0.63 million gallons per day at a maximum rate of 1100 gallons per minute

.48 M 3/16/00 (CONTINUED ON BACK) 1100

SECTION C (to be completed for SURFACE WATER SOURCE)

- 1. Source of water is from ... which drains into ...
2. Discription of pump/diversion works: Pump (size & type): ... Power Unit (size & type): ...
3. ... acre-feet per year at a maximum rate of ... gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS (DAMS) on continuously flowing streams)

- 1. Name of storage reservoir: ... Dam Height: ... feet
2. Surface area at normal pool: ... Storage capacity at normal pool: ... acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

- 1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice, Cotton, Oats, Corn, Soybeans, Pasture, Truck, Wheat, Grain Sorgum, Other (specify) Acres
A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
B. Land Condition (circle one) - Precision Land Formed Smoothed
C. ASCS Farm No. Tract No.
2. FISH CULTURE: Explain how water will be used: ...
3. MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM
Chose "a" or "b". (a) The number of people served is 7060 or (b) The number of connections is 3362
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year
5. RECREATION: Explain how water will be used:
6. OTHER USE: Explain in detail (if needed, attach another page):
7. REMARKS:

List below the person to be contacted for additional information if required.

Doug McGraw
(Name)
PO Box 6190
(Address)
Diamondhead, MS 39525
(City, State, Zip)
(228) 255-5856
(Telephone)

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Doug McGraw
(Signature)

Subscribed and sworn to before me this 15 day of February, 2002, at Hancock County of Mississippi
My commission expires ... Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart - Everett DATE: 8/21/96

UNIT DEQ #: 1 FILE #: A082120A

HEALTH DEPT. #: 230005-01 ELEV. 78'

USGS #: G68 OLWR #: GW12542

OWNER: Diamond head d.t.l. north QUAD: Vidalia

LOCATION: SE NW NW S 36 T 7 S R 14 W COUNTY: Hancock

LOCATION DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_

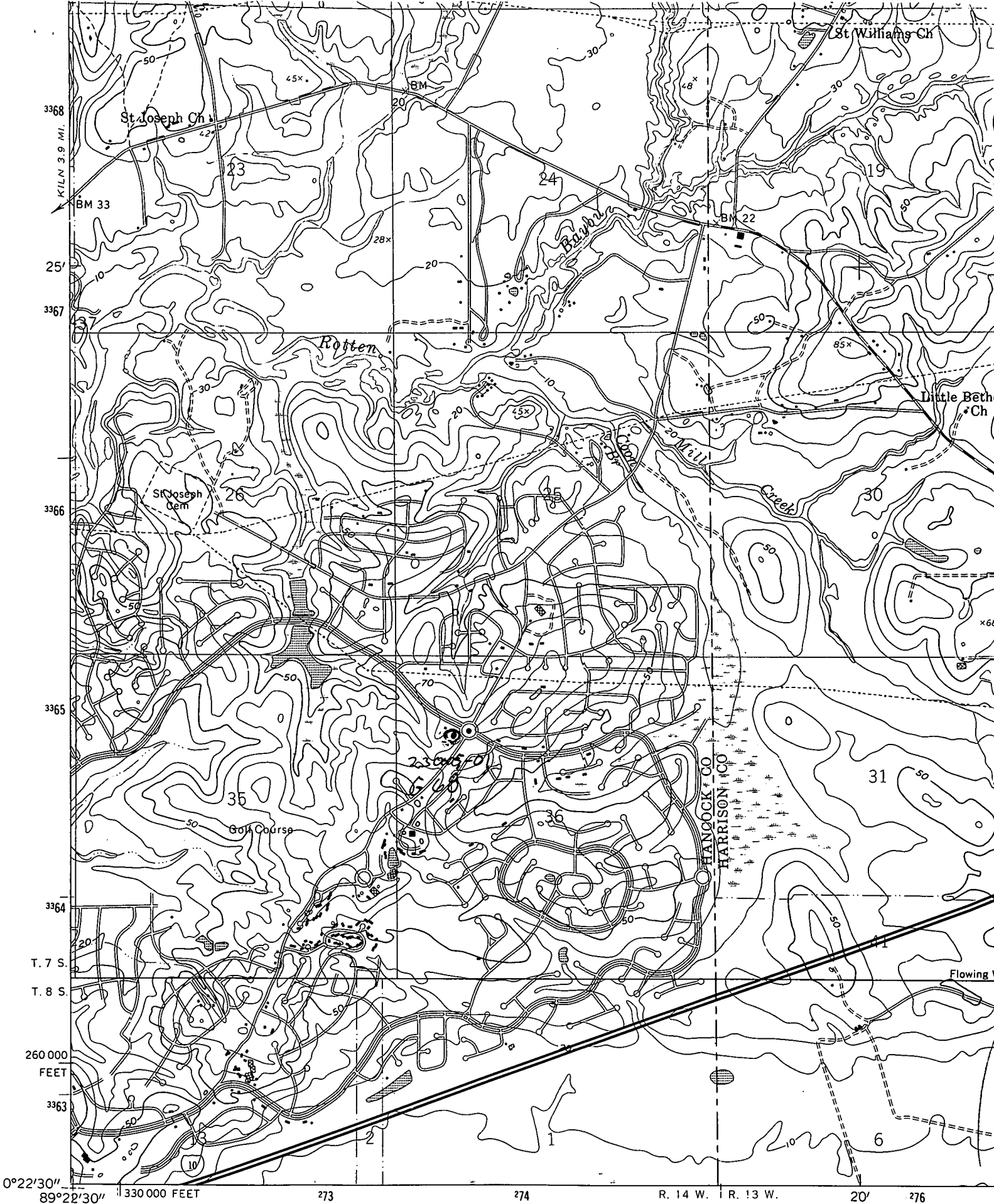
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_

GPS FIELD LOCATION: LAT. 30° 23.699N LONG. 89° 21.338W

30.395969 89.355299

GPS CORRECTED LOCATION: LAT. ~~30.29780203~~ LONG. ~~89.41054771~~

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



VELANDI  
144 IV SW

Mapped by U.S. Coast and Geodetic Survey  
 Edited and published by the Geological Survey  
 Control by USC&GS

Topography from aerial photographs by photogrammetric methods  
 Aerial photographs taken 1952. Field check 1956

