

GW 2070  
0220002-01

Grenada Meas by SH/PEG  
5-18-94  
A2

WRD Exp. (GW)  
April 1966

Well No. \_\_\_\_\_

WELL SCHEDULE  
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 1-30-68 Map Grenada

State Mississippi County Grenada Sequential number: 22

Latitude: 33° 49' 39" N Longitude: 089° 50' 44" W

Lat-long accuracy: 2' T. 23 S. R. 4 W. Sec 26 SE, SE, SE

Local well number: A1002PD2623NJ47 Other number: \_\_\_\_\_

Local use: 0:02:044 Owner or name: Gaslin Corrv. W.A.A.

Owner or name: Grenada, Miss Address: N. of Grenada, 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, Insult, Unused, Repressure, Recharge, Desal-P S, Desal-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.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: MSBOM Part. 8/68 USGS 3/71

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  no,  yes, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: E Log 10-806

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 653 ft Meas. rept accuracy 3

Depth cased; (first perf.) split screen ft 15 Casing type: steel; Diam. 8 x 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) multiple, (K) multiple, (L) none, (M) piston, (N) rot, (O) submerg, (P) turb, (Q) other

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

Date Drilled: 1-68 Pump intake setting: \_\_\_\_\_ ft

Driller: Robert Rulliff Dulk Co, Grenada, 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

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

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 195 Accuracy: 10' CI

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

Date meas: 6-6-68 Yield: 150 gpm

Drawdown: 115 @ 170 gpm ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

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

Sp. Conduct 700 K x 10<sup>6</sup> Temp. 20.2 °F Date sampled 3-19-71

Taste, color, etc. pH = 8.4 Fe = .1 CL = 64 Hard = 8 T.S. = 396

Well No.

A2

Well No. A2

Latitude-longitude \_\_\_\_\_  
 d m s N S d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD  Physiographic Province: \_\_\_\_\_

Section: 03

Drainage Basin: D 15G Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: system \_\_\_\_\_ series TE middle and lower Wilcox aquifer aquifer, formation, group WLCXM

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 68 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: 37' of 4" pipe between screens

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

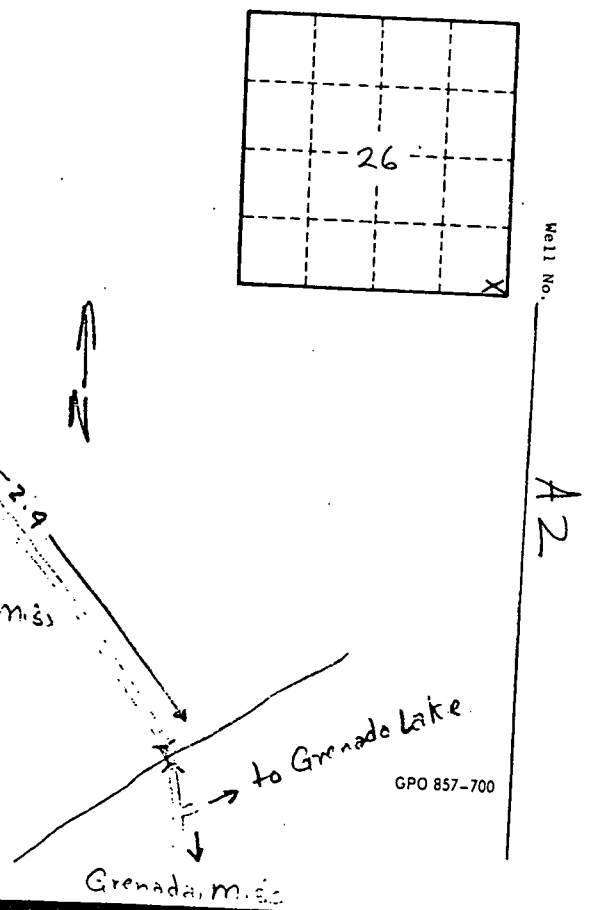
Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

68' screen  
 510-564 X 4" screen  
 564-638 74' of 4" blank  
 638-652 4" screen

For Information,  
 Sec:  
 Mr. E. J. Taylor  
 home behind store  
 which is NW of well A2  
 Phone 226-3711

Well to Grenada, Miss.  
 is 3.5 miles

5-18-94  
 W.L. = 14.40  
 SHB + PEG



Merola  
A 2  
6-68  
USGS

DW  
 02070

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

COLED

WATER WELL DRILLERS LOG

June 1968 Robert E. Kattiff Merola  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Green</u>	<u>Clay</u>	<u>0</u>	<u>14</u>
<u>Corner Water Assn.</u>	<u>Sand</u>	<u>14</u>	<u>78</u>
<u>Merola, Miss.</u>	<u>Sand</u>	<u>41</u>	<u>150</u>
(mailing address)	<u>Sand</u>	<u>150</u>	<u>190</u>
WELL LOCATION:	<u>hard Stiles of Shale</u>	<u>190</u>	<u>286</u>
sec <u>26</u> T <u>23</u> N R <u>4</u> E	<u>Shale</u>	<u>286</u>	<u>510</u>
<u>4</u> miles <u>North</u> of <u>Merola</u>	<u>Sand</u>	<u>510</u>	<u>525</u>
(distance) (direction) (nearest town)	<u>Shale</u>	<u>525</u>	<u>532</u>
WELL PURPOSE: <u>Community water</u>	<u>Sand</u>	<u>532</u>	<u>550</u>
(home, irrigation, municipal, industrial)	<u>Shale</u>	<u>550</u>	<u>555</u>
WELL COMPLETION DATA:	<u>Sand</u>	<u>555</u>	<u>564</u>
(1) diameter (inches) <u>8 x 4</u>	<u>Shale</u>	<u>564</u>	<u>638</u>
(2) total depth (feet) <u>653</u>	<u>Sand</u>	<u>638</u>	<u>653</u>
(3) static water level (feet) <u>6</u> <u>below</u> top of ground.			
(4) casing <u>510'</u> (material) (depth)			
<u>8"</u> (size) if telescope see back.			
(5) screen <u>56'</u> <u>510'</u> (length) (depth to top)			
<u>4"</u> (size) <u>S.S.</u> (material)			
(6) pump <u>20</u> <u>150</u> (HP) (yield gpm)			
<u>electric</u> (type power)			
(7) electric log <u>Yes</u> (yes or no) (F17-44)			
<u>U.S.G.S.</u> (organization running log)			
(8) how well bottom plugged <u>BPI</u>			
DRILLERS REMARKS: <u>87' x 4"</u>			
<u>pipe between screen</u>			
<u>lengths in sand.</u>			