

WELL SCHEDULE

Log # 110

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Bowc 12/73
MSGs 8/73

Record by WTO Source of data MSGs Date 8/73 Map mulberry
State MISS County Greene (or town) 2:1

JAN 14 1975

Latitude: 31° 25' 31" N Longitude: 088° 45' 34" W Sequential number: 1
Lat-long accuracy: 2' T 5' S, R 8' Sec 2, NW NE, SE SE

Local well number: A051AD0205N08W Other number: #2 B-6 M

Local use: 184110 Owner or name: Beat 3 Greene Co. w.A.

Owner or name: BEAT 3 W A (#2) 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, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

8/6/87

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

C-250

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

PH=5.34

Hyd. lab. data: _____

T=21°C

Qual. water data; type: _____

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

Aperture cards: _____ yes

Log data: E log 10'-517' 340'-516' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 486 ft Meas. rept 3

Depth cased: 446 ft Casing type: _____; Diam. 8x6 in accuracy 8

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), horiz. gallery, open end, (S) other S

Method: (A) air bored, cable, dug, hyd jetted, rot, (H) air percussion, rotary, (R) reverse trenching, driven, wash, (W) drive wash, other H

Date Drilled: 7-18-73 973 Pump intake setting: _____ ft 36

Driller: Grincer name address Columbia

Lift (type): (A) air, bucket, cent, jet, (C) multiple, (J) multiple, (L) none, (M) piston, (N) submerg, (P) turb, (R) other, (S) Deep T Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25 Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP 350 Accuracy: 330 12-18/71 topo 4

Water Level: _____ ft above below MP; Ft. below LSD 169 Accuracy: _____ D

Date meas: N 73 Yield: _____ gpm 250 Method determined _____

Drawdown: _____ ft Accuracy: _____ hrs 60

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm Sp. Conduct _____ K x 10 0 Temp. 20.5 °F Date sampled 8-7-4

Taste, color, etc. _____

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 130 Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series TM _____ aquifer, formation, group MZ

Lithology: _____ US Origin: _____ 3 Aquifer Thickness: 75 ft

Length of well open to: _____ ft 40 Depth to top of: _____ ft 420

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: _____

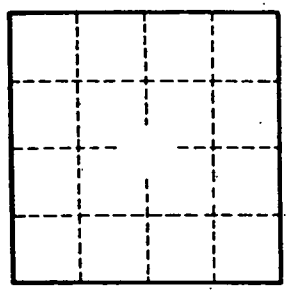
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

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

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



Well No. _____

GREENE
 1173
 A 51
 Elog # 110

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201
 WATER WELL DRILLERS LOG
 1973 *Greene Drilling Service Greene*

CODED

date well completed 11-19-73 firm name *Greene Drilling Service* county well located *Greene*

LANDOWNER:	description of formations encountered	from	to
<i>BEAT 3-</i>	<i>Top Soil</i>	<i>0</i>	<i>3</i>
<i>Greene County Water System</i>	<i>Sand</i>	<i>3</i>	<i>30</i>
<i>Well No. 2</i>	<i>Clay</i>	<i>30</i>	<i>236</i>
(mailing address)	<i>Sand with Clay streak</i>	<i>236</i>	<i>272</i>
WELL LOCATION: <i>N 1/4 N 1/4 S 1/4</i>	<i>Clay</i>	<i>272</i>	<i>342</i>
sec. <i>2</i> T. <i>5</i> N. S. R. <i>8</i> E. W.	<i>Sand, coarse</i>	<i>342</i>	<i>499</i>
(distance) miles _____ of _____ (direction) (nearest town)	<i>Clay</i>	<i>499</i>	<i>518</i>
WELL PURPOSE: (home, Irrigation, <u>municipal</u> , industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <i>8 5/8"</i>			
(2) total depth (feet) <i>486'</i>			
(3) static water level (feet) <i>169'</i> ^{below} top of ground.			
(4) casing <i>B.I.</i> <i>436'</i> (material) (depth)			
<i>8 5/8"</i> if telescope see back. (size)			
(5) screen <i>40'</i> <i>446'</i> (length) (depth to top)			
<i>6"</i> <i>304 S.S. (0.012)</i> (size) (material)			
(6) pump <i>25</i> <i>250</i> (HP) (yield gpm)			
<i>Elect.</i> (type power)			
(7) electric log <i>Yes</i> (yes or no)			
<i>MGS</i> (organization running log)			
(8) how well bottom plugged <i>BACK</i> <i>WASH VALVE</i>			
DRILLERS REMARKS:			

CODED

DEC 10 1973

RECEIVED

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

SEP 28 1999

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only.

11-9-99 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Table with 4 columns: Issued, Expires, Fee Paid, Permit No.; Lat., Long., Elev., USGS No.; Quad., ASCS Farm No., STAC., MSDOH No.; Aquifer, Tract No., Basin No.; Remarks, Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. GW-9438

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: GW-009438

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Beat III Greene County Water Sys 64-0522415 (Name) (SSN or Tax ID No.)

39560 Hwy. 63 N. (Address)

Richton, Ms. 39476 (601) 989-2850 (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):

NE 1/4 of the SE 1/4 of Section 2, Township 5N, Range 8W, County Greene

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. GW009440

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 210001-02

2. Proposed work will begin on 19__ and will be completed by 19__ If well has already been drilled, when was well completed (date)? 7-28 19 73 Under whose name was well originally drilled (if known)? Beat III Greene County Water Sys.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 486 feet. DRILLER: Grinet Drilling Service

(b) SURFACE CASING: Length N/A feet; Diameter inches; Type

(c) SCREEN: Length 40 feet; Diameter 6 inches; Type SS.

(d) PUMP: Type Turbine; Size 6 inches; Capacity 250 gallons per minute; Setting depth 297 feet

(e) POWER UNIT: Type VHS; Size 25 horsepower

4. PERMITTED VOLUME:

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

(b) 0.0 million gallons per day at a maximum rate of 300 250 gallons per minute

(Stamp) 0.0 M 9/30/99 (CONTINUED ON BACK) 360

SECTION C (to be completed for **SURFACE WATER SOURCE**)

1. Source of water is from _____ which drains into _____
 which drains into _____
 (major stream or river)
2. Description of pump/diversion works:
 Pump (size & type): _____ Power Unit (size & type): _____
 Lift: _____ feet Maximum capacity: _____ gallons per minute
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 Sorghum _____;
 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: _____
 How often will reservoir (s) be emptied and refilled? _____

3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**

Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is 1013

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?
200,000 2004 ; 225,000 2009 ; 240,000 2013 ; 260,000 2018
 (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. **INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year _____;

Rate of release _____; NPDES Permit No. _____

Explain any changes in quality of water to be released: _____

Explain how water will be used: _____

How much groundwater will be used for once-through non-contact cooling? _____

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.

Douglas H. Walley
 (Name)

39560 Hwy 63 N
 (Address)

Richton, Ms. 39476
 (City, State, Zip)

601-989-2850
 (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.

[Signature] - Manager
 (Signature)

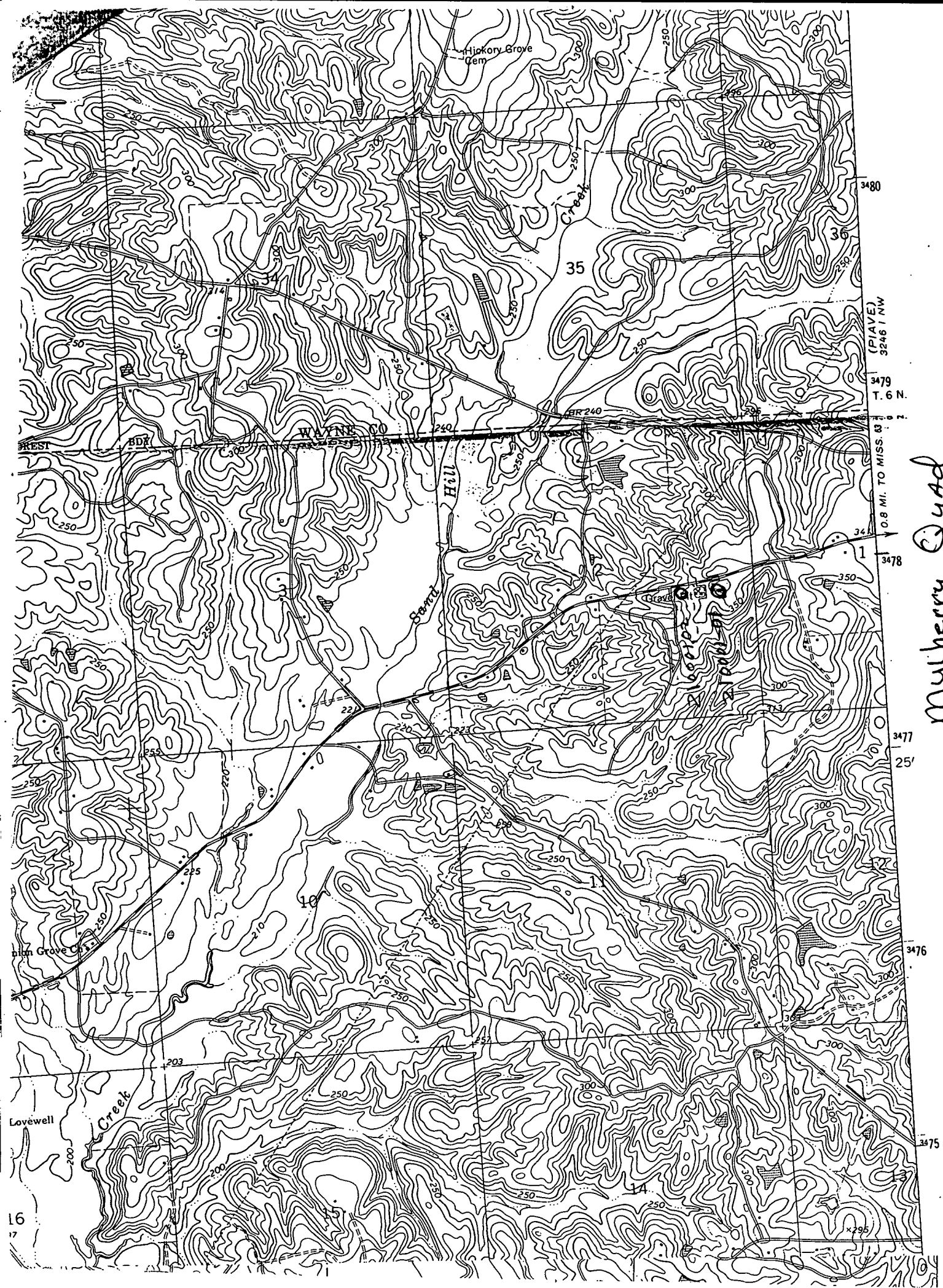
Subscribed and sworn to before me this 24th day of Sept, 1999, at Richton County of Perry

My commission expires July 26, 2000; Norah Regina Bunch Miller Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SHR:shop DATE: 8-4-94
UNIT DEQ #: 82859 FILE #: D080418B
HEALTH DEPT. #: 210001-02 ELEV. 340
USGS #: A-9001 A-51 OLWR #: GW-9438
OWNER: Reut III w/s QUAD: Mulberry
LOCATION: ^{NW} -NE/SE S 2 T 5N R 8W COUNTY: Green
LOCATION DESCRIPTION: Well is located About .1 mi west of
stand tank which are 1.1 mi west of Hwy 63
CASING DIA: _____ PUMP TYPE & SIZE: 25^{hp} Elec
GPS FIELD LOCATION: LAT. 31° 25.544 LONG. 88° 45.642
GPS CORRECTED LOCATION: LAT. 31.425444 LONG. 88.760993
REMARKS: GPS at well



Mulberry Quad

3480

(PIAVE)
3246 / NW

3479
T. 6 N.

0.8 MI. TO MISS. & T. 6 N.

3478

3477
25'

3476

3475

16
17