

Well No. _____

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 130

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

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

Lithology: US Origin: 3 Aquifer Thickness: 60 ft

Length of well open to: _____ ft 60 Depth to top of: _____ ft 660

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: _____

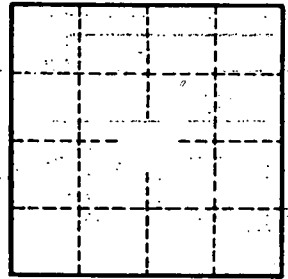
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

from Sullivan log + EC



Well No. _____

COUINGTON

G28

7-10-73

log #64

7010

date well completed

MISSISSIPPI BOARD OF WATER COMMISSIONERS

416 North State Street Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

1973 *Singer Lays Central Div. Coouington* firm name county well located

LANDOWNER:	description of formations encountered	from	to
<i>Willow Grove Water Assoc.</i>	<i>Red Sandy Clay</i>	<i>0</i>	<i>5</i>
<i>Calline, Miss</i>	<i>Clay + Sand Shales</i>	<i>5</i>	<i>15</i>
(mailing address)	<i>Sand Sand</i>	<i>15</i>	<i>27</i>
WELL LOCATION:	<i>Coarse Sand + Pea Gravel</i>	<i>27</i>	<i>153</i>
sec <i>27 T 8 N</i> R <i>15 W</i>	<i>Hard Clay + Sand Shales</i>	<i>153</i>	<i>248</i>
(distance) miles (direction) of (nearest town)	<i>Sand + Gravel Shales</i>	<i>248</i>	<i>353</i>
WELL PURPOSE: <i>Domestic</i>	<i>Gravel Sand</i>	<i>353</i>	<i>376</i>
(home, irrigation, municipal, industrial)	<i>Rock</i>	<i>376</i>	<i>378</i>
WELL COMPLETION DATA:	<i>Hard Shales</i>	<i>378</i>	<i>410</i>
(1) diameter (inches) <i>16"</i>	<i>Sandy Shales</i>	<i>410</i>	<i>530</i>
(2) total depth (feet) <i>736'</i>	<i>Hard Shale + Sand Sh.</i>	<i>530</i>	<i>663</i>
(3) static water level (feet) <i>225'</i> below top of ground.	<i>Coarse Sand</i>	<i>663</i>	<i>746</i>
(4) casing <i>Steel</i> <i>654'</i> (material) (depth)	<i>Hard Shale</i>	<i>746</i>	<i>762</i>
<i>16"</i> If telescope see back. (size) <i>63' 8 3/8"</i>			
(5) screen <i>60'</i> <i>670'</i> (length) (depth to top)			
<i>8"</i> (size) <i>Stainless Steel</i> (material)			
(6) pump <i>100</i> <i>500</i> (HP) (yield gpm)			
<i>Electric</i> (type power)			
(7) electric log <i>yes</i> (yes or no)			
<i>Miss Geo Survey</i> (organization running log)			
(8) how well bottom plugged <i>Valve</i>			
DRILLERS REMARKS:			

CODED

CODED

WL 30

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

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

OCT 23 1995

This box is for office use only: 2-27-96 AGN.

Issued: <u>4-22-86</u>	Expires: <u>4-8-2006</u>	Fee Paid: <input checked="" type="checkbox"/>	Permit No. <u>6W-1586</u>
Lat. <u>31 38 00 N</u>	Long. <u>89 29 10 W</u>	Elev. <u>440'</u>	USGS No.
Quad. <u>Hot Coffee</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** (RENEWAL) PERMIT NO. MS -6W-01586

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: WILLOW GROVE WATER ASSN.
(Name) _____ (SSN or Tax ID No.) _____
P.O. BOX 461
(Address) _____
COLLINS, MS #39428 (601) 765 - 0651
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):
SAME
(Name) _____ (SSN or Tax ID No.) _____
(Address) _____
(City) (State & Zip) (Telephone)

NO MAP

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):
SE 1/4 of the NE 1/4 of Section 27, Township 8N, Range 15W, County COVINGTON

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. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

- AQUIFER: unknown Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 160010
- Proposed work will begin on N/A, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? _____, 19 73. Under whose name was well originally drilled (if known)? SAME
- Description of proposed or completed well:
 - DEPTH OF WELL: 736 feet. DRILLER: LAYNE SINGER
 - SURFACE CASING: Length UNKNOWN feet; Diameter _____ inches; Type _____
 - SCREEN: Length 60 feet; Diameter 8 inches; Type stainless steel
 - PUMP: Type Electrical; Size 100HP; Capacity 500 gallons per minute; Setting depth unknown feet
 - POWER UNIT: Type VHS; Size 100 horsepower
- PERMITTED VOLUME :
 - N/A acre-feet per year at a maximum rate of _____ gallons per minute
 - 0.125 million gallons per day at a maximum rate of 500 gallons per minute

(CONTINUED ON BACK) 500

SECTION C (to be completed for SURFACE WATER SOURCE)

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Discription of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
- _____ 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)

- Name of storage reservoir: _____ Dam Height: _____ feet
- 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)

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice N/A; Cotton N/A; Oats N/A; Corn N/A; Soybeans N/A; Pasture N/A; Truck N/A; Wheat N/A; Grain Sorghum N/A; Other (specify) N/A Acres N/A
 - Method of Irrigation (circle one) - Center Pivot Flood Furrow
 - Land Condition (circle one) - Precision Land Formed Smoothed
 - ASCS Farm No. N/A Tract No. N/A
- FISH CULTURE:** Explain how water will be used: N/A
How often will reservoir (s) be emptied and refilled? _____
- 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 599
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?
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)
- INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year N/A;
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? _____
- RECREATION:** Explain how water will be used: N/A
- OTHER USE:** Explain in detail (if needed, attach another page): N/A
- REMARKS:** N/A

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

DIMPLE WADE
(Name)
P. O. BOX 461
(Address)
COLLINS, MS 39428
(City, State, Zip)
601-765-0651
(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.

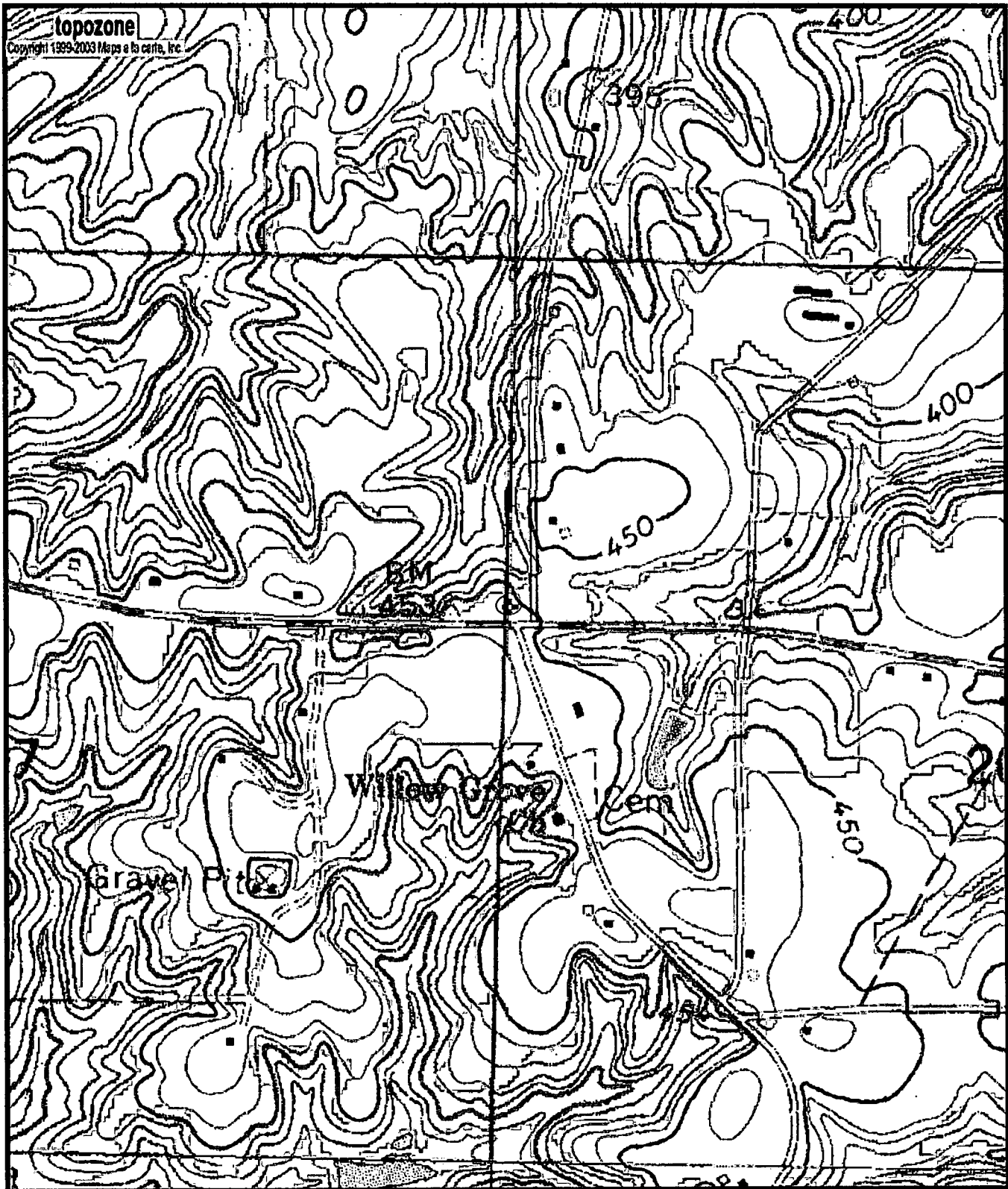
Dimple Wade
(Signature)

Subscribed and sworn to before me this 20th day of Oct, 19 95, at Collins County of Mississippi.
My commission expires MY COMMISSION EXPIRES MAY 5, 1997; Lynelia Parker Notary Public.

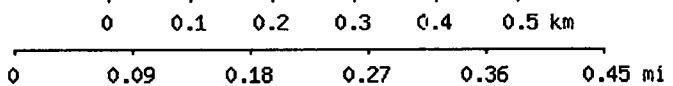
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotbeak DATE: 7/19/96
UNIT DEQ #: 82859 FILE #: B071916B
HEALTH DEPT. #: 160010-01 ELEV. ~~418~~ 445
USGS #: ~~G-36~~ G28 OLWR #: MS-GW-01587 1586
OWNER: Willow Grove Water Assoc. QUAD: HOT Coffee
LOCATION: NW-SW-NW S 26 T 8N R 15W COUNTY: Covington
LOCATION DESCRIPTION: AT Ground Tank on N. side of Hwy 588,
3.55 mi. SE of Hwy 84 E. (Collins)
AT Intersection of Hwy 588 & Willow Grove Church Rd & Pickering-Rogers Rd.
CASING DIA: 12" PUMP TYPE & SIZE: 75 HP Elec.
GPS FIELD LOCATION: LAT. 31° 38' 00.1 LONG. 89° 29' 08.4"
GPS CORRECTED LOCATION: LAT. 31.63339647 LONG. 89.48566388
REMARKS: GPS at well
(well is 30' North of Ground Tank.)



0160010-01
6W01586
628



Map center is 31° 38' 00"N, 89° 29' 09"W (WGS84/NAD83)
Hot Coffee quadrangle
 Projection is UTM Zone 16 NAD83 Datum

