

GW8209
 DOT # 150007-07

WRD Exp. (GW)
 April 1966

Well No. P64

WELL SCHEDULE

E-log 129

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PN Source of data Ordnance records Date 4/30/70 Map Shady Grove

State MS County (or town) Copiah 15

Latitude: 31° 51' 09" N Longitude: 090° 20' 45" W Sequential number: 1

Lat-long accuracy: 2' 10" S, R 8" E 12' NE NE SE

Local well number: P064AD1310N02W Other number: Shady Grove #3

Local use: 064129 06714 Owner or name: Town of Hazlehurst

Owner or name: HAZLEHURST Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

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 MU

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: MSH

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

Aperture cards: _____

Log data: Schlum MOCN D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 355 ft Meas. rept accuracy 6

Depth cased; (first perf.) 295 ft Casing type: _____; Diam. 18, 12 in 1.8

Finish: porous gravel w. concrete, (perfor.), (screen), gallery, end, (C) (F) (G) (H) (J) (K) (L) (M) (N) (P) (R) (S) (T) (V) (W) (X) (Z) G

Method Drilled: air bored, cable, dug, hyd jetted, rot., (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) A

Date Drilled: 10/5/67 967 Pump intake setting: 240 + 1/2 + 40 ft 286

Driller: Layne Central Jackson, Miss.

Lift (type): air, bucket, cent, jet, multiple, (cent.) (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) T Deep Shallow

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

Descrip. MP 435 ft above below LSD, Alt. MP

Alt. LSD: 425 Accuracy: (source) 10' + 0.00 3

Water Level: _____ ft above below MP; Ft below LSD 143 Accuracy: _____ A

Date meas: 871 Yield: _____ gpm 350 Method determined _____

Drawdown: _____ ft Accuracy: _____ hrs 10

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

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

Taste, color, etc. 3/19/02 DC/RLB

PINCHED AND VERIFIED

Well No.

P64

Well No. 101

Latitude-longitude
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: 20 21

Drainage Basin: 13 V Subbasin: 26

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

MAJOR AQUIFER: system series T M aquifer, formation, group C A

Lithology: U S Origin: 3 Aquifer Thickness: ft

Length of well open to: 70 ft Depth to top of: 60 ft 285

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: 295-355 (12" - 17")

Depth to consolidated rock: ft Source of data: 64

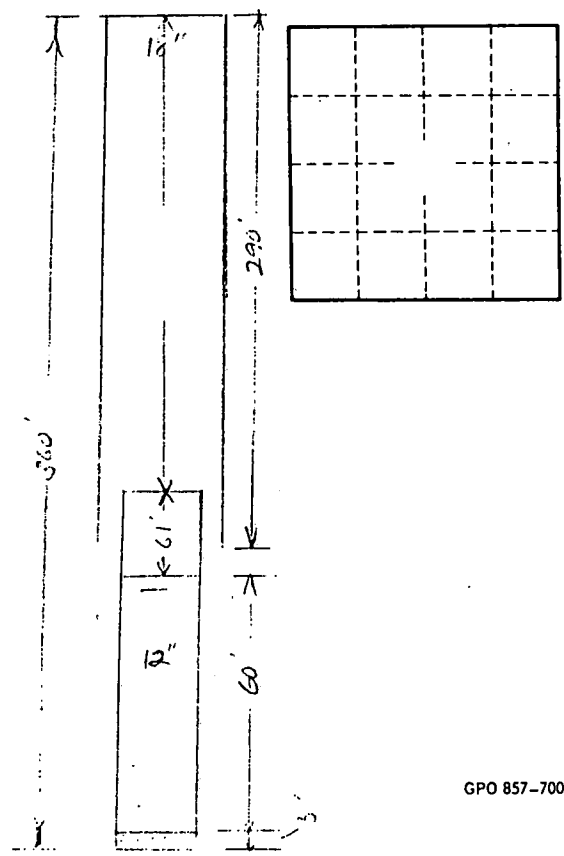
Depth to basement: ft Source of data: 69

Surficial material: Infiltration characteristics: 72

Coefficient Trans: 34,000 gpd/ft 343 Coefficient Storage: .0004 405

Coefficient Perm: 490 gpd/ft²; Spec cap: 14 gpm/ft; Number of geologic cards: 79

WL = 117' (1968)



Well No. P64

**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

This box is for office use only.

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

Issued: <u>3-8-88</u>	Expires: <u>11-12-2007</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>31 51 09</u>	Long. <u>90 20 47</u>	Elev. <u>425</u>	USGS No.
Quad <u>Shady Grove</u>	ASCS Farm No.	STAC.	MSDOH No. <u>150007-05 07</u>
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT **RENEWAL** PERMIT NO. GW-008209

THIS APPLICATION IS FOR (Circle one) **GROUNDWATER** - COMPLETE A,B,E WELL #3 SHADY GROVE

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: CITY OF HAZLEHURST 64-6000437
 (Name) (SSN or Tax ID No.)

P. O. BOX 549
 (Address)

HAZLEHURST, MS 39083 -0549 (City) (State & Zip) (601) 894 - 3131 (Telephone No.)

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

 (Name)

 (Address)

 (City) (State & Zip) (Telephone)

RECEIVED
 (SSN or Tax ID No.)

SEP 23 1997

Dept. of Environmental Quality
 Office of Land & Water Resources

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 12, Township 10-N, Range 8-E, County COPIAH

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. MS-GW-05354; GW-008203; GW-008206; GW-008207; GW-008208; GW-008210

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIOCENE MISSISSIPPI DEPARTMENT OF HEALTH NO.: 15007-05 160007-07

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____
 If well has already been drilled, when was well completed (date)? _____ 00-00, 19 67. Under whose name was well originally drilled (if known)? _____

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 360 feet. DRILLER: LAYNE CENTRAL

(b) SURFACE CASING: Length _____ feet; Diameter _____ inches; Type _____

(c) SCREEN: Length 40 feet; Diameter 8 inches; Type STAINLESS STEEL

(d) PUMP: Type RKL; Size 10"; Capacity 350 gallons per minute; Setting depth 245 feet

(e) POWER UNIT: Type _____; Size _____ horsepower

4. PERMITTED VOLUME:

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

(b) 504 021 million gallons per day at a maximum rate of 350 gallons per minute

(CONTINUED ON BACK)

0-397

350

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

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Description 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 _____; 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. _____

- 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 4,221 or (b) The number of connections is _____

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?

1.5 MGD	1997	1.58MGD	2002	1.66 MGD	2007	1.74 MGD	2012
(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 _____

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: _____

- OTHER USE:** Explain in detail (if needed, attach another page): _____

- REMARKS:** _____

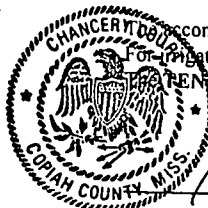
List below the person to be contacted for additional information if required.

SUE B. BROWN, CITY CLERK
(Name)

P. O. BOX 549
(Address)

HAZLEHURST, MS 39083
(City, State, Zip)

(601) 894-3131
(Telephone)



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

[Signature]
(Signature)

Subscribed and sworn to before me this 18th day of September, 1999, at 9:00am County of Copiah

My commission expires MISSION EXPIRES JAN. 1, 2000 Steve Amos Chancery Clerk Notary Public.

By: Kim Wright D.C.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB + DC DATE: March 19, 2002

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: 150007-07 ELEVATION: _____

USGS #: P-064 OLWR #: MS-GW08209

OWNER: Hazehurst, Town of QUAD: Shady Grove

LOCATION: _____ S _____ T _____ R _____ COUNTY Copiah

LOCATION DESCRIPTION: From inter. of Hy 28 + Hy 472 go .7 miles

SE. on Hy 472, take right on gravel road
+ go 1/2 mile, back in woods.
CASING DIA: 8" PUMP TYPE & SIZE: Turbine 30 H.p.

GPS FIELD LOCATION: LAT. 31.85260 LONG. 90.34656

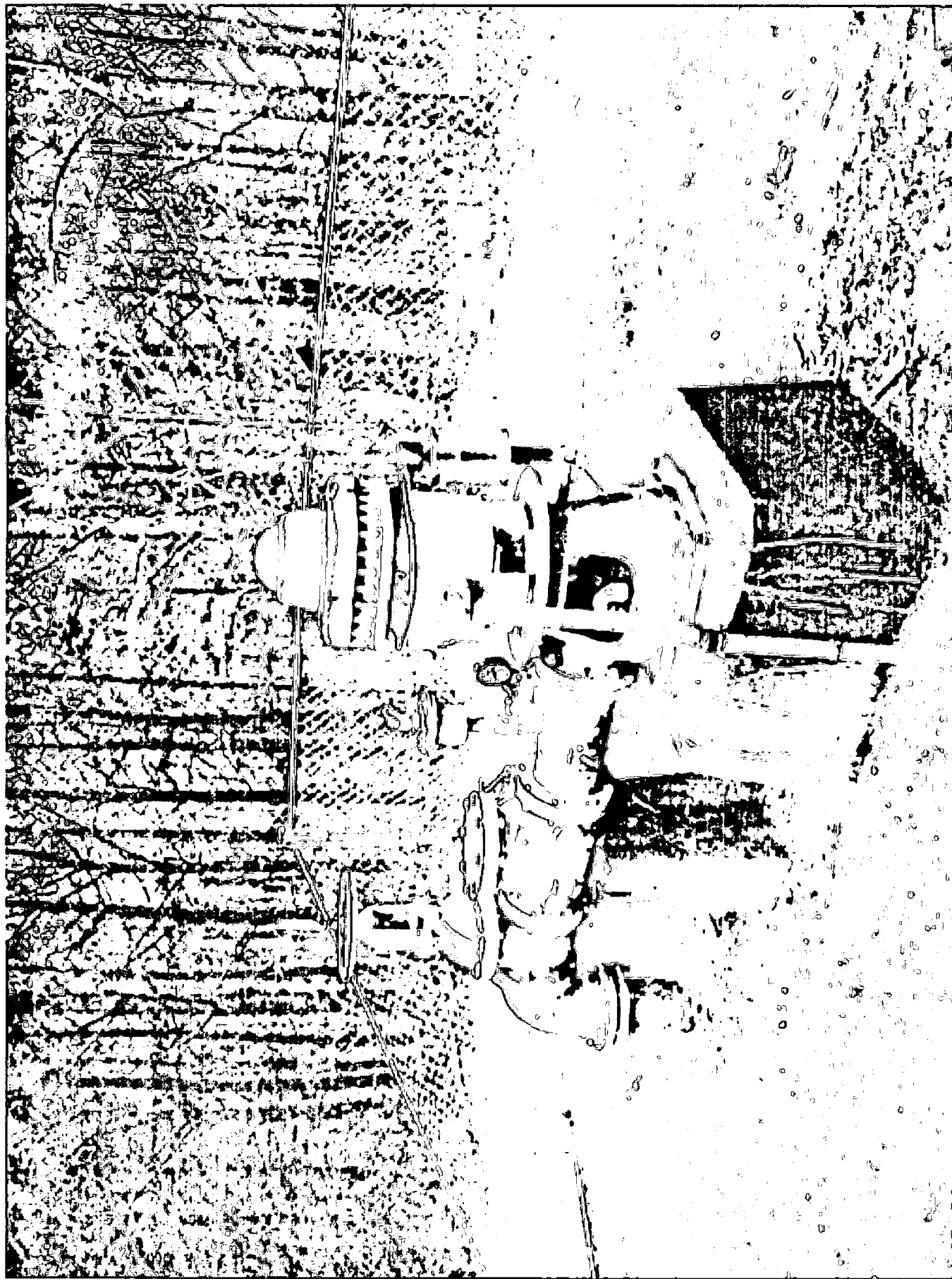
GPS CORRECTED LOCATION: LAT. _____ LONG. _____

REMARKS: _____

perm. 31.852500
-90.346389

31.85 260 / 90.34692

150007-017, GW-08209
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749000m E

750

R. 2 W. R. 1 W.

MAGEE 40 MI.
GEORGETOWN 10 MI.

20'

753

