

GW8203
Doh # 150007-03

FORM 9-1642
(1-58)

Well No. P62
Log # 52

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

REPLACEMENT

MASTER CARD

Record by PEG Source of data Obs driller Date 2/61 Map Hazlehurst

State 28 County Carroll Sequential number: 1

Latitude: 31° 15' 12" N Longitude: 09° 02' 43" W

Lat-long accuracy: 1 T 10 S, R 82 Sec 9, SE, NW, NW

Local well number: P062AB0910N02W Other number: Gallatin St. well

Local use: 064052 Owner or name: Town of Hazlehurst

Owner or name: HAZLEHURST Address: 7th Hole S-D

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: 1

Freq. sampling: Pumpage inventory: period: MOCN

Aperture cards:

Log data: 6

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 475 ft Meas. accuracy 6

Depth cased; (first perf.) 415 ft Casing type: 4 1/2 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (P) open end, (S) perf., (T) screen, (W) sd. pt., (X) shored, (Z) open hole, other 5

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other A

Date Drilled: 9/61 Pump intake setting: 30 ft

Driller: Jayne Central name address

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

Power (type): nat, LP, Trans. or meter no. V

Descrip. MP 430 ft above below LSD, Alt. MP

Alt. LSD: 28 Accuracy: (source) 1

Water Level: 239 ft above below MP; Ft below LSD Accuracy: A

Date meas: 871 Yield: 393 gpm Method determined 61

Drawdown: 871 ft Accuracy: 393 Pumping period 60 hrs

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72 ppm

Sp. Conduct 230 K x 10⁶ Temp. 871 °F Date sampled 871

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

3/22/83
WL = 227.66

HONOLULU
GAIN

Well No.

P62

Well No. 16

Latitude-longitude N S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 131V Subbasin: _____

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

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

Lithology: _____ Origin: S 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 7.7 60 Depth to top of: _____ ft 405

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: _____

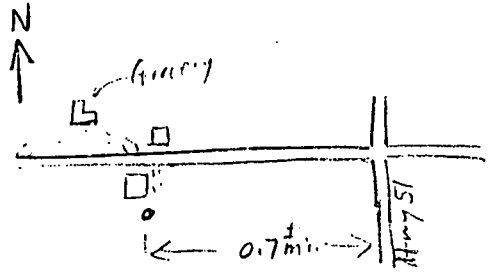
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

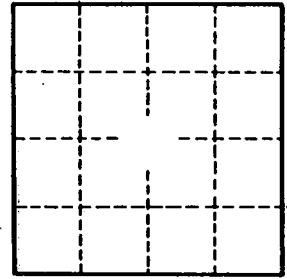
Surficial material: _____ Infiltration characteristics: _____

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

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



Casing
10' of 24" (Surface)
402' of 18"
62' of 10"
10" screen
415-475



Well No. P62

2.24 gpm/ft tested 1969 @ 302gpm

**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>11-2-2007</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>31 51 27</u>	Long. <u>90 24 32</u>	Elev. <u>428</u>	USGS No.
Quad. <u>HAZLEHURST</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>08060203</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): RENEWAL - PERMIT NO. GW-008203

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E GALLATIN STREET WELL

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 (601) 894 - 3131
(City) (State & Zip) (Telephone No.)

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

MAP SENT
(Name) RECEIVED (SSN or Tax ID No.)
(Address) SEP 23 1997
(City) (State & Zip) Dept. of Environmental Quality
Office of Land & Water Resources
(Telephone)

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

NE NW 1/4 of the NE NW 1/4 of Section 49, 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-008206; GW-008208; GW-008209; GW-008210; GW-008207

SECTION B (to be completed for GROUNDWATER SOURCE)

- AQUIFER: MIOCENE MISSISSIPPI DEPARTMENT OF HEALTH NO.: _____
- 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 61. Under whose name was well originally drilled (if known)? _____
- Description of proposed or completed well:
(a) DEPTH OF WELL: 481 feet. DRILLER: LAYNE CENTRAL
(b) SURFACE CASING: Length 402 feet; Diameter 18 inches; Type WELDED
(c) SCREEN: Length 60 feet; Diameter 10 inches; Type STAINLESS STEEL
(d) PUMP: Type RKLC BRONZE; Capacity 300 gallons per minute; Setting depth 354 feet
(e) POWER UNIT: Type _____; Size _____ horsepower
- PERMITTED VOLUME:
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 0.21 million gallons per day at a maximum rate of 350 300 gallons per minute

(CONTINUED ON BACK)

0.471

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

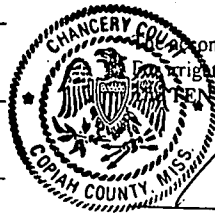
SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

- 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? _____
- 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?

<u>1.5 MGD</u>	<u>1997</u>	<u>1.58MGD</u>	<u>2002</u>	<u>1.66 MGD</u>	<u>2007</u>	<u>1.74 MGD</u>	<u>2012</u>
(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.
A FIVE DOLLAR (\$10.00) permit fee is enclosed herewith.

[Signature]
(Signature)

Subscribed and sworn to before me this 18th day of September, 97, at 9:00 a.m. County of Copiah
My commission expires _____
MY COMMISSION EXPIRES JAN. 1, 2000
By: Steve Amos Chancery Clerk Notary Public.
Kim Wright D.C.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Horubank
7/24/96
USER NAME(S): LAK/DKB DATE: 6/16/94
UNIT DEQ #: 82859 FILE #: 80724 22A
HEALTH DEPT. #: 150007-03 ELEV. 390
USGS #: P-62 OLWR #: GW-8203
OWNER: Town of Hazelhurst Hazelhurst Quad
LOCATION: SW-NE-NW S 9 T 10R 8E COUNTY: Copiah
LOCATION DESCRIPTION: Behind Brick water Treatment Bldg on Gallatin St.
.75 mi west of Hwy 51 & Copiah County Courthouse.
CASING DIA: 10" PUMP TYPE & SIZE: Turkine / 60
GPS FIELD LOCATION: LAT. 31° 51' 27.0" LONG. 90° 24' 31.7"
GPS CORRECTED LOCATION: LAT. 31.85760163 LONG. 90.40906798
REMARKS: GPS at well.

Redone 3/19/02 RLB/DC

31.85769 90.40918

Hazelhurst

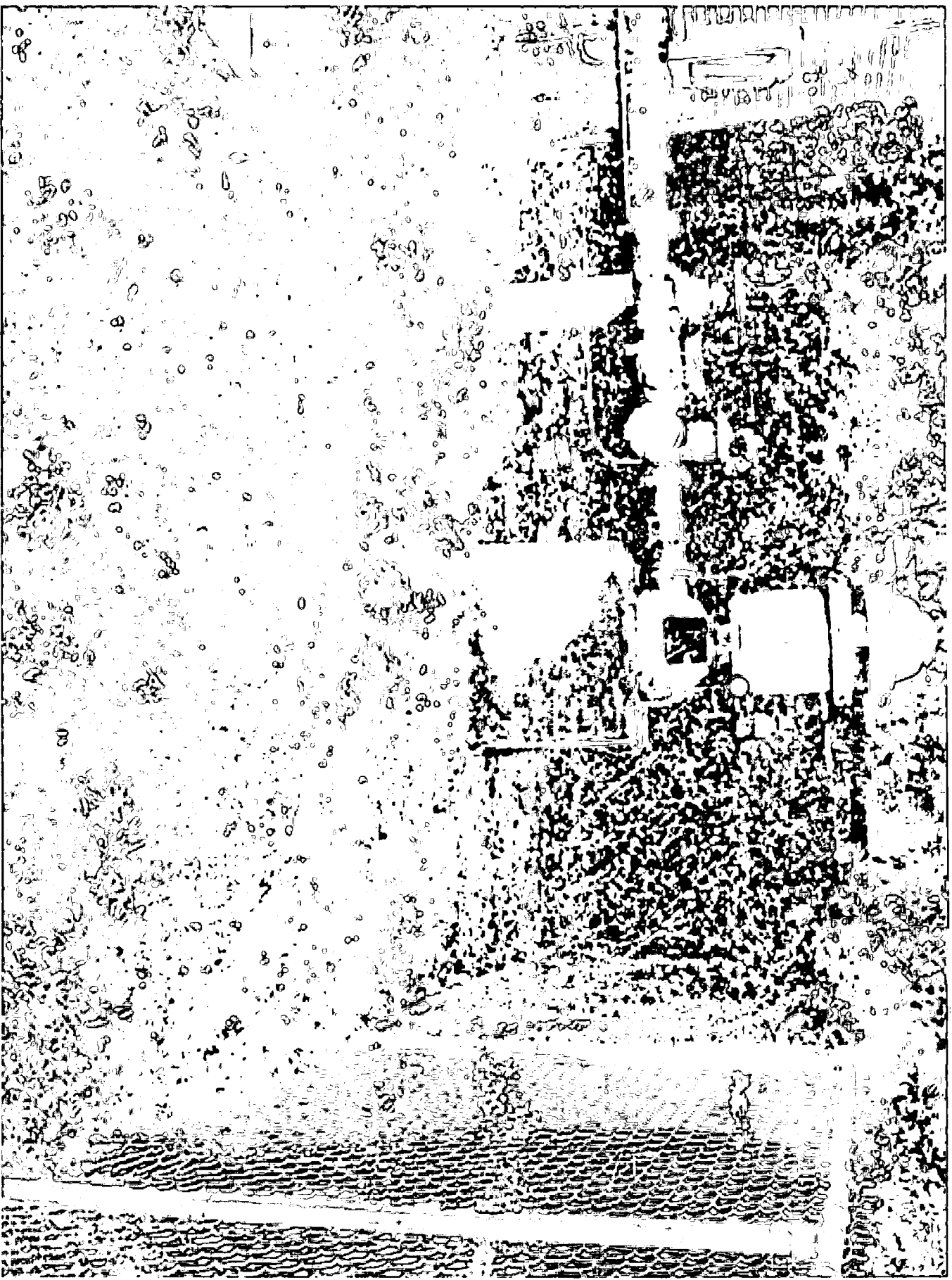
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150007-03

6w-08203

PO62

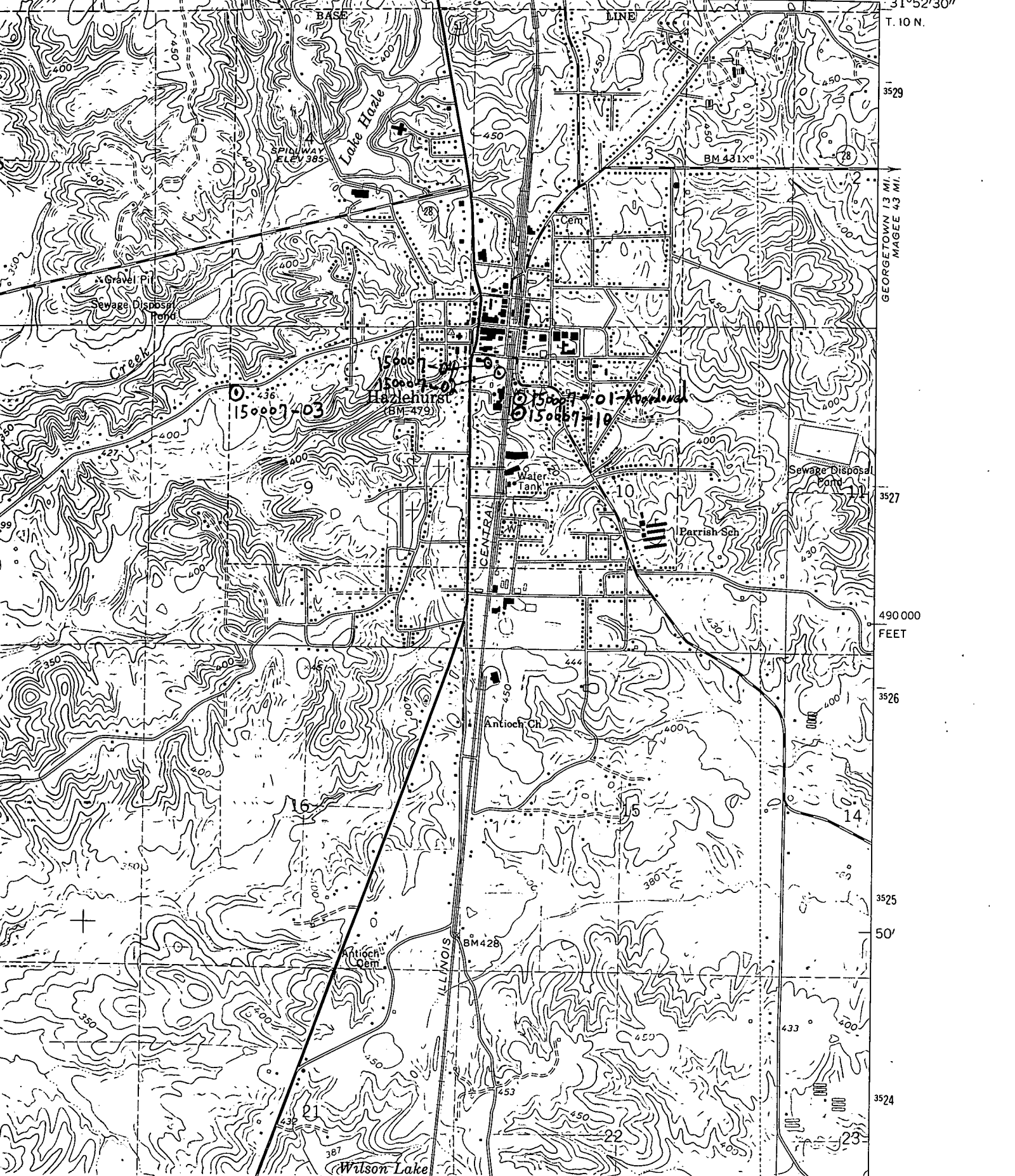
31. 85763/90.40407



HAZLEHURST QUADRANGLE
MISSISSIPPI-COPIAH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

2947 N. NE
(CRYSTAL SPRINGS)

744 25' 745 JACKSON 32 MI. GALLMAN 4.1 MI. 480 000 FEET 747 748 90°22'30" 31°52'30" T. 10 N.



3529
GEORGETOWN 13 MI.
MAGEE 43 MI.

480 000
FEET

50'

3524