

Coded By 0 1/28/87
 Checked By 07/16/87-9
 Entered By 07/30
 Date 06-12-91

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 303
 County COPIAH
 Agency

Well No. P15

WELL RECORD

Agency Code U S G I S Site Id 131513109023440121 Project No. 5

Station Name 12 P075 HAZLEHURST Latitude 9 31 51 31 Longitude 2 10 09 02 34 44

Lat/Long Ac. 11 S T M Dist 6=28 State 7=28 County SE NW Lang Net 08 E

Location Map 14 HAZLEHURST Altitude 460 Met/Meas 17 A L Accuracy 18 15 Hydrologic Unit 20 031181010131

Agency Use 803 A I O Date Inventoried 7 11 / / / / / / / / Station Type J Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M 2 W X

Date of Construction 21 10 / 11 4 / 11 9 86 Well Use 23 W Water Use 24 P Primary Aquifer 714 22 C T H L Hole Depth 27 13 21 6

Well Depth 28 12 8 8 Water Level 30 19 2 Water Level Date 31 10 / 12 3 / 11 9 86 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 60 10 / 12 31 / 11 9 86 Contractor 63 01 6 4 Name Layne Method 65 H Finish 66 9

CONSTRUCTION CASING DATA

R	T	#	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1 77 11 10 1	78 12 4 2 1	79 1 18 1
76	A	725#2	59#1 77 11 8 10 1	78 12 4 2 1	79 1 12 1

CONSTRUCTION OPENINGS DATA

R	T	#	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1 83 12 14 2 1	84 12 18 8 1	87 1 12 1	85 S	89	88 10 3 10 1
82	A	726#2	59#1 83	84	87	85	89	88

CONSTRUCTION LIFT DATA

Power 45 E H.P. 46 100 Serial No. 49

Lift Type 43 T Date 38 10 / 12 31 / 11 9 86 Intake 44

MISCELLANEOUS OWNER DATA

Date of Ownership 159 10 / 12 31 / 11 9 86 Owner Name 161 HAZLEHURST

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 303 Assigner 191 M I S S I D I S T

10/17/01 RLB/DC

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / *	Aquifer Sampled 1954 *	Temp 196#00010	Value 1974 *
R=192	T=A	738#2	Date of Measurement 1934 / / *	Aquifer Sampled 1954 *	Sp Cond 196#00095	Value 1974 *
R=192	T=A	738#3	Date of Measurement 1934 / / *	Aquifer Sampled 1954 *	pH 196#00400	Value 1974 *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994 E	Beg. Depth 2004 1210 *	End Depth 2014 1326 *
R=198	T=A	739#1	Log Type 1994 *	Beg. Depth 2004 *	End Depth 2014 *

MISCELLANEOUS NETWORK DATA

706 = QW - WL - WD *

R=114	T=A	730#1	Beg. Year 1154 4 *	End Year 1164 4 *	Agency Source 120=A 117# *	Freq. 1184 *
R=121	T=A	730#2	Beg. Year 1154 4 *	End Year 1164 4 *	Agency Source 117# *	Freq. 1184 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 1844 / / *	Remarks 1854 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 1484 10 / 23 / 11 9 8 6 *	Type 703# (P) F	Discharge 1504 156 4 *	So. Capacity 2724 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 914 240 *	Depth Bot. 924 288 *	Unit Id 934 12 2 C T H L *	304=P
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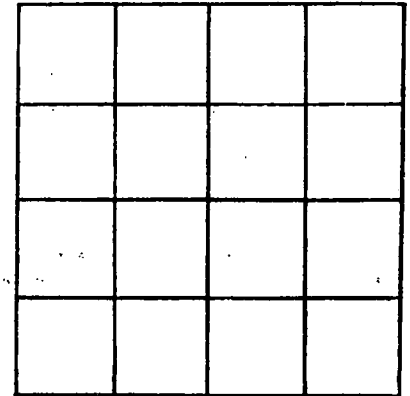
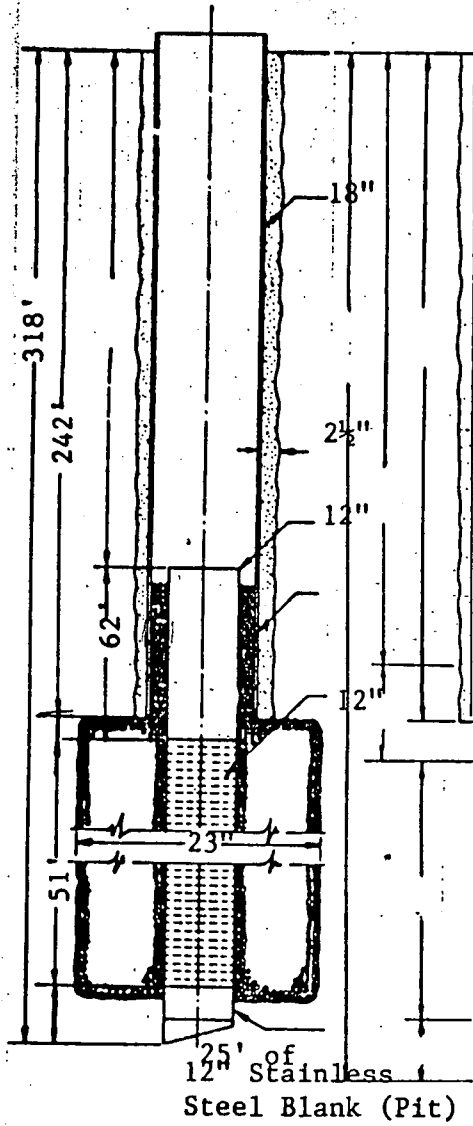
HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004 *	1034 *
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Replaced well P29
(Health Dept. well)
Well # 4A

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

**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 70</u>	Permit No.
Lat. <u>31.5131</u>	Long. <u>902344</u>	Elev. <u>430</u>	USGS No.
Quad. <u>HAZLEHURST</u>	ASCS Farm No.	STAC.	MSDOH No. <u>150007-04</u>
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>08060203</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-05354

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: 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):

RECEIVED

(Name) SEP 23 1997 (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

Dept. of Environmental Quality
Office of Land & Water Resources

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

NW 1/4 of the NW 1/4 of Section 10, Township 10-N, Range 8E, 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. GW-008203; GW-008207; GW-008208; GW-008209; GW-008206; GW-008210

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIOCENE MISSISSIPPI DEPARTMENT OF HEALTH NO.: 15-0007-04

2. Proposed work will begin on 10-1, 19 86, and will be completed by 11-3, 19 86.
If well has already been drilled, when was well completed (date)? 11-3, 19 86. Under whose name was well originally drilled (if known)? CITY OF HAZLEHURST

3. Description of proposed or completed well:
(a) DEPTH OF WELL: 330 feet. DRILLER: LAYNE CENTRAL CO.
(b) SURFACE CASING: Length 240 ± feet; Diameter 18 inches; Type COATED STEEL
(c) SCREEN: Length 60 feet; Diameter 12 inches; Type STAINLESS WIRE WRAPPED
(d) PUMP: Type RLC; Size 10"; Capacity 500 gallons per minute; Setting depth 240 feet
(e) POWER UNIT: Type _____; Size _____ horsepower

4. PERMITTED VOLUME:
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 72 0.31 million gallons per day at a maximum rate of 525 500 gallons per minute

(CONTINUED ON BACK)

MAP SENT

0-706

525

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 _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorgum _____; Other (specify) _____ Acres

- Method of Irrigation (circle one) - Center Pivot Flood Furrow
- Land Condition (circle one) - Precision Land Formed Smoothed
- 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 _____ 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	1.58 MGD	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? _____

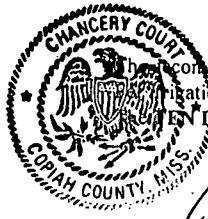
- RECREATION:** Explain how water will be used: _____

- 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)



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

[Handwritten Signature]
(Signature)

Subscribed and sworn to before me this 18th day of September 1997, at 9:00am County of Copiah

My commission expires MY COMMISSION EXPIRES JAN. 1, 2000
By: Steve Ames Chancery clerk Notary Public.
Kim Wright D.C.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAK/DRB DATE: 6/16/94
UNIT DEQ #: 82859 FILE #: AD61614C
HEALTH DEPT. #: 150007-04 ELEV. 400
USGS #: P74 P75 OLWR #: GW-5354
OWNER: HAZLEHURST WATER SERVICE
LOCATION: NW/NW/NW S 10 T 10N R 8E COUNTY: COPIAH
LOCATION DESCRIPTION: Behind Health Dept. Turn on Frost ^{Ragsdale}
St. SE corner in back.
CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 60
GPS FIELD LOCATION: LAT. 31-51-03 LONG. 90-23-46
GPS CORRECTED LOCATION: LAT. 31 51 31.344 LONG. 90-23 42.315
31.858707 90.395088
REMARKS: MPL on corner of Frost St.

GW8204 was original well. It was abandoned
and replaced by GW5354.

Redone 10/17/01 RLB/DC

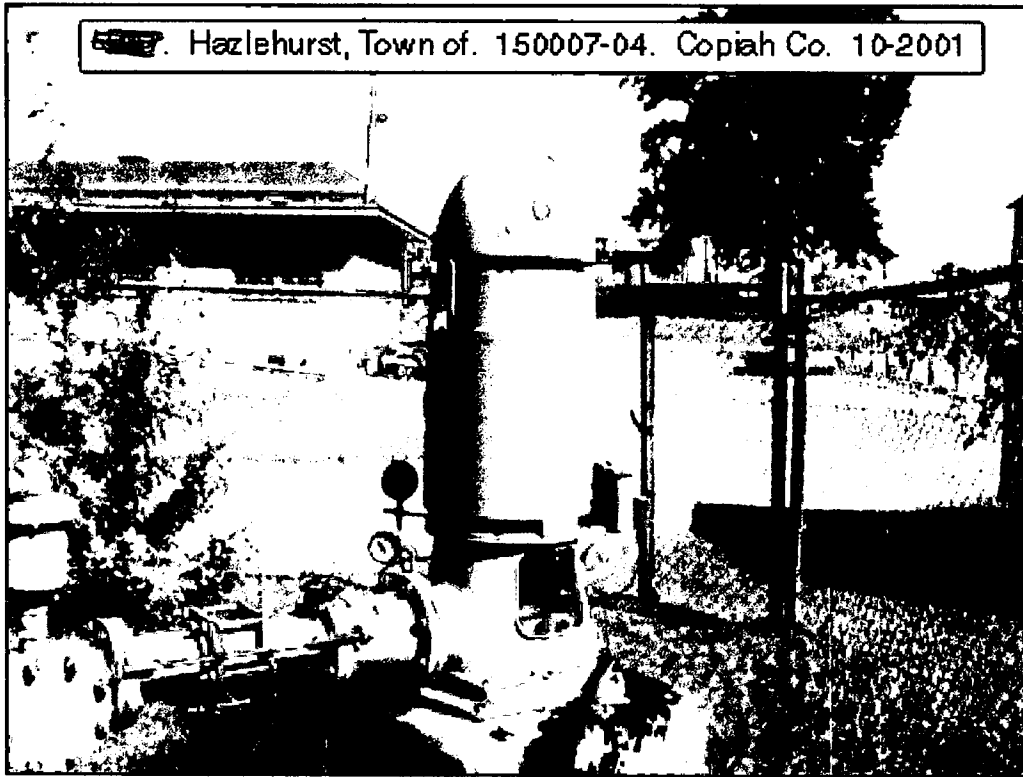
31.85872 90.39511

10-2001

150007-04

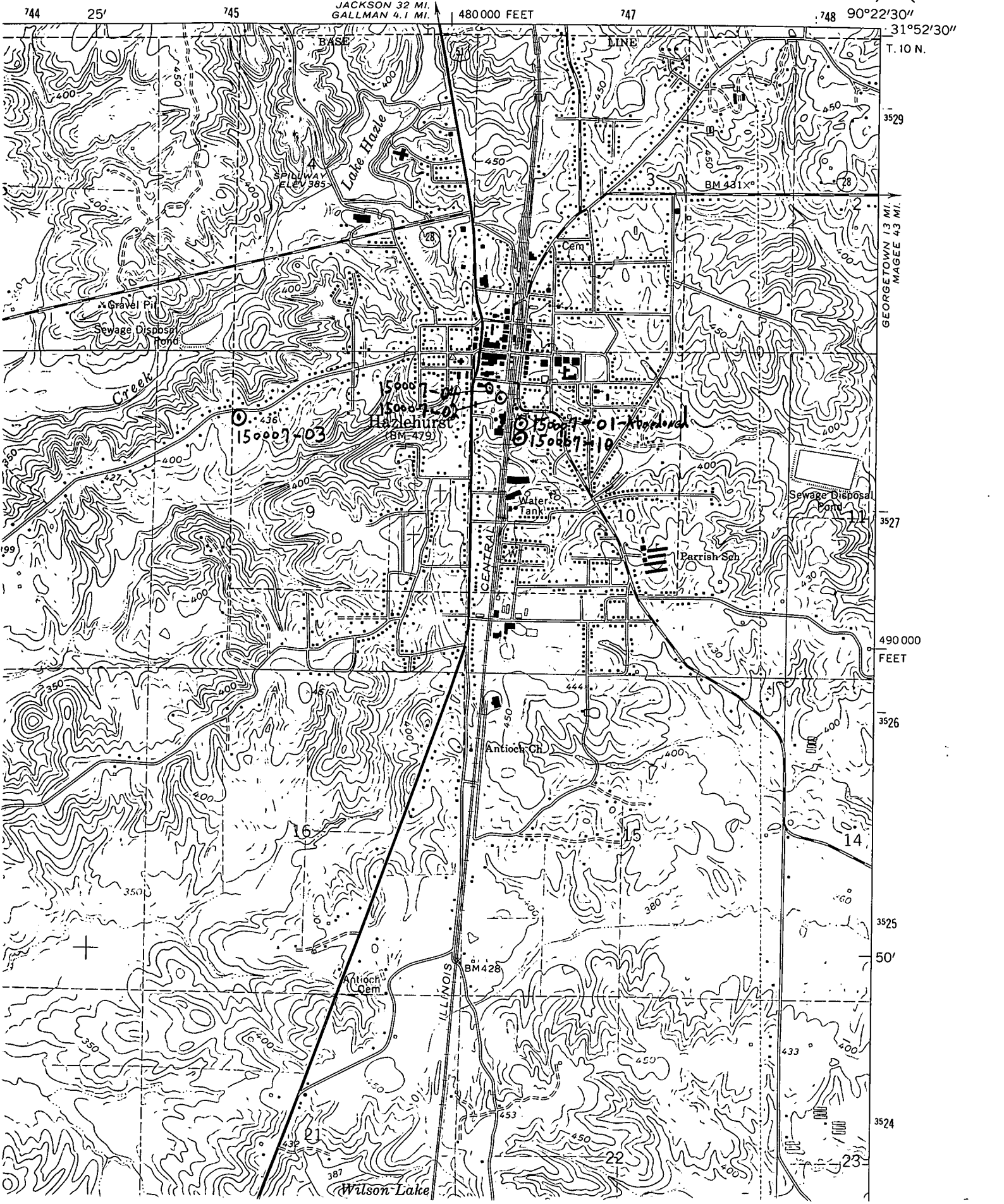
6W-05354

P075



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

7947 IN NE
(CRYSTAL SPRINGS)



JACKSON 32 MI.
GALLMAN 4.1 MI.

90°22'30"
31°52'30"
T. 10 N.

GEORGE TOWN 13 MI.
MAGEE 43 MI.

480 000
FEET

50'

3524