

HAZLEHURST QUAD

FORM 9-1642  
(1-68)

Well No. 9

WELL SCHEDULE  
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

E log # 213

PUNCHED  
MAR 18 1974

MASTER CARD

Record by Q Source of data Bowle Obs driller Date 8-6-73 Map HAZLEHURST QUAD

State MISS County COPIAH (or town) 15

Latitude: 31 49 34 N Longitude: 09 03 00 W Sequential number: 1

Local well number: 0009AA2110NOTE Other well number: Well # 2

Local use: 184213 Owner or name: Copiah W. A.

Owner or name: B. PIERRE W. A. Address: \_\_\_\_\_

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (P) Desal-P S, (Q) Other WA

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data: type: \_\_\_\_\_

Freq. sampling:  Pumpage inventory:  yes/no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ CTHL yes

Log data: E log 10' - 456' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 430 Meas. 3

Depth cased: 1390 Casing type: \_\_\_\_\_; Diam. 8x4 in 8

Finish: (A) porous concrete, (B) gravel w. concrete, (C) gravel w. (perf.), (D) gravel w. (screen), (E) horiz. gallery, (F) open end, (G) perf., (H) screen, (I) sd. pt., (J) shored, (K) open hole, (L) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: 8/73 9/73 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: GRINER DRILG SERV. COLUMBIA MISS.

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multi-p.e., (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no.

Descrip. MP 283 ft above/below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 300 Accuracy: topo 3

Water Level: \_\_\_\_\_ ft above/below MP; F: 40 LSD 40 Accuracy: \_\_\_\_\_ D

Date meas: 8/73 Yield: \_\_\_\_\_ gpm 150 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

6/16/94  
LAR/DRB

COPIAH

09  
Log # 213  
8-13

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

8-19-19 19 B. L. RIVER DRILLING SERVICE COPIAH  
date well completed firm name county well located

LANDOWNER: BAYOU PIERRE		description of formations encountered	from	to
WATER ASSOCIATION, Well No. 2 (mailing address)				
WELL LOCATION: sec. 21 T. 10 N. S. R. 7 E. W.		Top Soil + Road Material	0	3
(distance) miles (direction) of (nearest town)		Clay	3	28
WELL PURPOSE: (home, irrigation, <u>municipal</u> , industrial)		Sand & Gravel (loose)	28	64
WELL COMPLETION DATA:		Clay	64	122
(1) diameter (inches) <u>8 5/8"</u>		Sand	122	194
(2) total depth (feet) <u>430 ft.</u>		Clay	194	386
(3) static water level (feet) <u>40</u> (below/above top of ground) <u>(Est.)</u>		Sand	386	434
(4) casing <u>B.I.</u> <u>386'</u> (material) (depth)		Clay	434	440
<u>8 5/8"</u> (size) If telescope see back.		Sand	440	452
(5) screen <u>40'</u> <u>390</u> (length) (depth to top)		Clay	452	460
<u>4"</u> <u>30t S.S. .0209-t</u> (size) (material)				
(6) pump _____ (HP) _____ (yield gpm)				
<u>Elect.</u> (type power)				
(7) electric log <u>Yes</u> (yes or no)				
<u>L.I.S.G.S.</u> (organization running log)				
(8) how well bottom plugged <u>Back Wash Valve</u>				
DRILLERS REMARKS:				

CODED

The box below is for office use only.

*MOCN 0-9*

Issued: <u>10-8-91</u>	Expires: <u>10-8-2001</u>	Fee Paid <input checked="" type="checkbox"/>	Permit No. <u>GW-13038</u>
Lat. <u>31-49-21</u>	Long. <u>90-29-59</u>	Elev. <u>340</u>	USGS No.
Quad. <u>HARLEHURST</u>	Dist.		Basin No.
STAC			Dam Inv. No. <u>03180003</u>
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39209-1063

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

**RECEIVED**  
OCT 05 1990

This application is for (circle one): GROUNDWATER SURFACE WATER

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Industrial  
 Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby  
 Fire Protection Flood Protection Other: \_\_\_\_\_

**LANDOWNER:**

Copiah Water Association, Inc. 64-0475110  
 (Name) (S/S or Tax ID No.)  
P. O. Box 325  
 (Address)  
Gallman MS 39077 (601) 892-3738  
 (City) (State and Zip) (Telephone Number)

*HD # 150001-02*

**APPLICANT, AGENT, OR LESSEE (If different from Landowner):**

\_\_\_\_\_  
 (Name) (S/S or Tax ID No.)  
 \_\_\_\_\_  
 (Address)  
 \_\_\_\_\_  
 (City) (State and Zip) (Telephone Number)

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

NE 1/4 of the SE 1/4 of Section 21, Township 10 N, Range 7 E, County Copiah

**Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):**

- (a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute
- (b) .16 million gallons per day at a maximum rate of 150 gallons per minute
- (c) \_\_\_\_\_ acre feet of storage at normal pool
- (d) \_\_\_\_\_ per \_\_\_\_\_ at a maximum rate of \_\_\_\_\_

Complete Construction of proposed work will begin on (date) \_\_\_\_\_, 19\_\_\_\_ and will be completed by (date) \_\_\_\_\_, 19\_\_\_\_.

Water will be used from (month) \_\_\_\_\_ to (month) \_\_\_\_\_ each year.

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 numbers.

See Accompanying Application

**SECTION A (to be completed if application is for surface water source)**

- Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_ which drains into \_\_\_\_\_
- Description of pump/diversion works:
  - (a) Pump (size and type): \_\_\_\_\_ Power Unit (size and type): \_\_\_\_\_  
 Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute.
  - (b) Name of storage reservoir: \_\_\_\_\_ Dam height: \_\_\_\_\_ feet.  
 Surface area at normal pool: \_\_\_\_\_ acres. Storage capacity at normal pool: \_\_\_\_\_ acre-feet.

(Continued on back)

**SECTION B** (to be completed if application is for groundwater source)

1. Source of water is \_\_\_\_\_ aquifer.
2. Description of proposed water well:
  - (a) DEPTH OF WELL: 430 feet. DRILLER (name): \_\_\_\_\_
  - (b) SURFACE CASING: Length: \_\_\_\_\_ feet. Diameter: 8 inches. Type: WS
  - (c) SCREEN: Length: \_\_\_\_\_ feet. Diameter: 6 inches. Type: SSWW
  - (d) PUMP: Type: Vertical Turbine Size: \_\_\_\_\_ Capacity: 150 gallons per minute.  
Number of stages: \_\_\_\_\_ Setting depth: \_\_\_\_\_ feet.
  - (e) POWER UNIT: Type: \_\_\_\_\_ Size: \_\_\_\_\_ horsepower.
  - (f) TYPE OF COMPLETION: Gravel Pack

**WATER USE DATA**

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

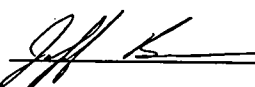
TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Soybeans \_\_\_\_\_; Corn \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Oats \_\_\_\_\_; Grain sorghum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres
2. FISH CULTURE: Explain how water will be used: \_\_\_\_\_  
How often will reservoir(s) be emptied and refilled? \_\_\_\_\_
3. MUNICIPAL or WATER ASSOCIATION  
Choose "a" or "b". (a) The number of people served is \_\_\_\_\_. (b) The number of connections/customers is 457.  
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?  

160,000	1990	175,000	1995	19,400	2000	213,000	2005
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)
4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year \_\_\_\_\_  
Rate of release \_\_\_\_\_; Location of release point in reference to diversion/withdrawal point \_\_\_\_\_  
\_\_\_\_\_; Explain any change in quality of water to be released: \_\_\_\_\_  
NPDES Permit No. \_\_\_\_\_  
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: \_\_\_\_\_

REMARKS: \_\_\_\_\_

List below the person to be contacted for additional information if required:  
 Jeff Brown - Alford Engineering  
 (Name)  
 P. O. Box 16621  
 (Address)  
 Jackson, MS 39236-6621  
 (City, State, Zip)  
 601-362-7450  
 (Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.  
  
 (Signature)

Subscribed and sworn to before me this 4th day of October, 1990, at Jackson, Mo.  
 County of Stoddard. My commission expires \_\_\_\_\_ MY COMMISSION EXPIRES \_\_\_\_\_  
Lisa N. McClain, Notary Public

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S): RLB

DATE :NOV 5-2003

UNIT DEQ # : \_\_\_\_\_

FILE # : \_\_\_\_\_

HEALTH DEPT. 150001-02

ELEVATION :

USGS # : 09 OLW GE13038

OWNER : COPIAH WATER ASSOC.

QUAD : HAZLEHURST

LOCATION : NE SE S 21 T10N R 7E COUNTY COPIAH

LOCATION DESCRIPTION : .4 MILES NORTH INTERSECTION HY 28 AND  
SMYRNA RD. WELL ON LEFT SIDE OF ROAD.

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CASING DIA : 8

PUMP TYPE & SIZE :tb

GPS FIELD LOCATION : LAT 31.82535

LONG. 90.49708

GPS CORRECTED LOCATION : LAT

LONG.

REMARKS : P001005

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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAR/DKB DATE: 6/16/94  
UNIT DEQ #: 82859 FILE #: AO61616B  
HEALTH DEPT. #: 150001-02 ELEV. 700  
USGS #: 0-009 OLWR #: 13038  
OWNER: Copiah Water Assoc., INC.  
LOCATION: SE/NE/NE 21 T 10N R 9E COUNTY: Copiah  
LOCATION DESCRIPTION: 2 1/2 mile SW of I-55 on Hwy 28  
to Smyrna Rd. Turn Right 5 m. on left.  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine / 25  
GPS FIELD LOCATION: LAT. 31-49-28 LONG. 90-29-53  
GPS CORRECTED LOCATION: LAT. 31.4930660 LONG. 90.2949667  
31.825183 90.497120  
REMARKS: well is behind bushes west of house trailer.

Neighborhood

**Department of Environmental Quality**  
**Office of Land and Water Resources**

**Ground Water Permit**  
**General Report**

**Permit Number: MS-GW-13038**

**County:** COPIAH

**Owner:** COPIAH WATER ASSOCIATION, INC.

**Aquifer:** CTHL

**USGS No:** 00009

**BOH No:** 0150001-02

**Location:** NE 1/4 of the SE 1/4 of SEC 21 TWN 10N RNG 07E **Lat:** 314912 **Long:** 902959

**Quad:** HAZLEHURST

**District:** N/A

**Date Issued:** 08-OCT-91

**Date Renewed:** 10-JUL-01

**Date Expired:** 10-JUL-11

**Applicant:** COPIAH WATER ASSOCIATION, INC.

**Owner:** COPIAH WATER ASSOCIATION, INC.

**Address 1:** P. O. BOX 325

**Address 1:** P. O. BOX 325

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** GALLMAN

**City:** GALLMAN

**State:** MS **Zip:** 39077

**State:** MS **Zip:** 39077

**Driller:** GRINER

**Maximum Rate:** 150

**Amount Withdrawn Acre feet:** 44.8128

**Amount Withdrawn Mgd:** .04

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 386

**Screen**

**Type:** STEEL

**Diameter:** 4

**Length:** 40

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-1303B

County: ...

Owner: ...

Applicant: ...

USGS No: ...

BON No: ...

Location: ...

Section of the TWP of RING of Lat. of Long. of

Quadr: ...

District: ...

Date Issued: ...

Date Renewed: ...

Date Expired: ...

Applicant: ...

Owner: ...

Address 1: ...

Address 2: ...

Address 3: ...

Address 4: ...

Address 5: ...

Address 6: ...

City: ...

City: ...

State: ...

State: ...

Driller: ...

Maximum Rate: ...

Amount Withdrawn Acco feet: ...

Amount Withdrawn Mgd: ...

Use

Casing

Screen

Type: ...

Type: ...

Type: ...

Diameter: ...

Diameter: ...

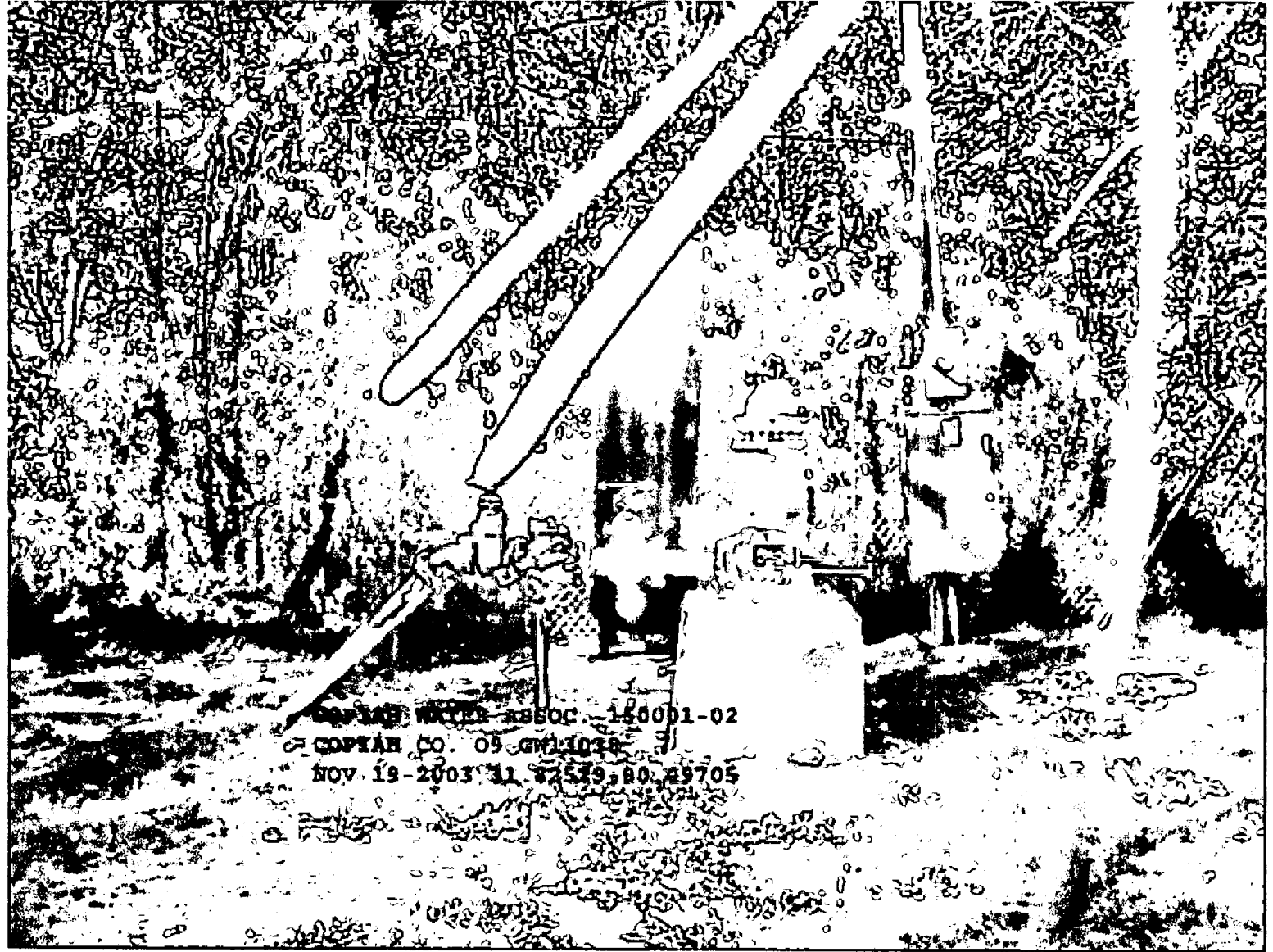
Diameter: ...

Length: ...

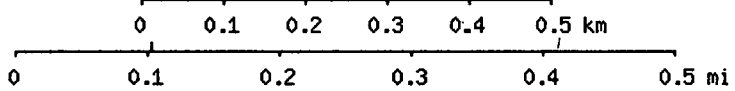
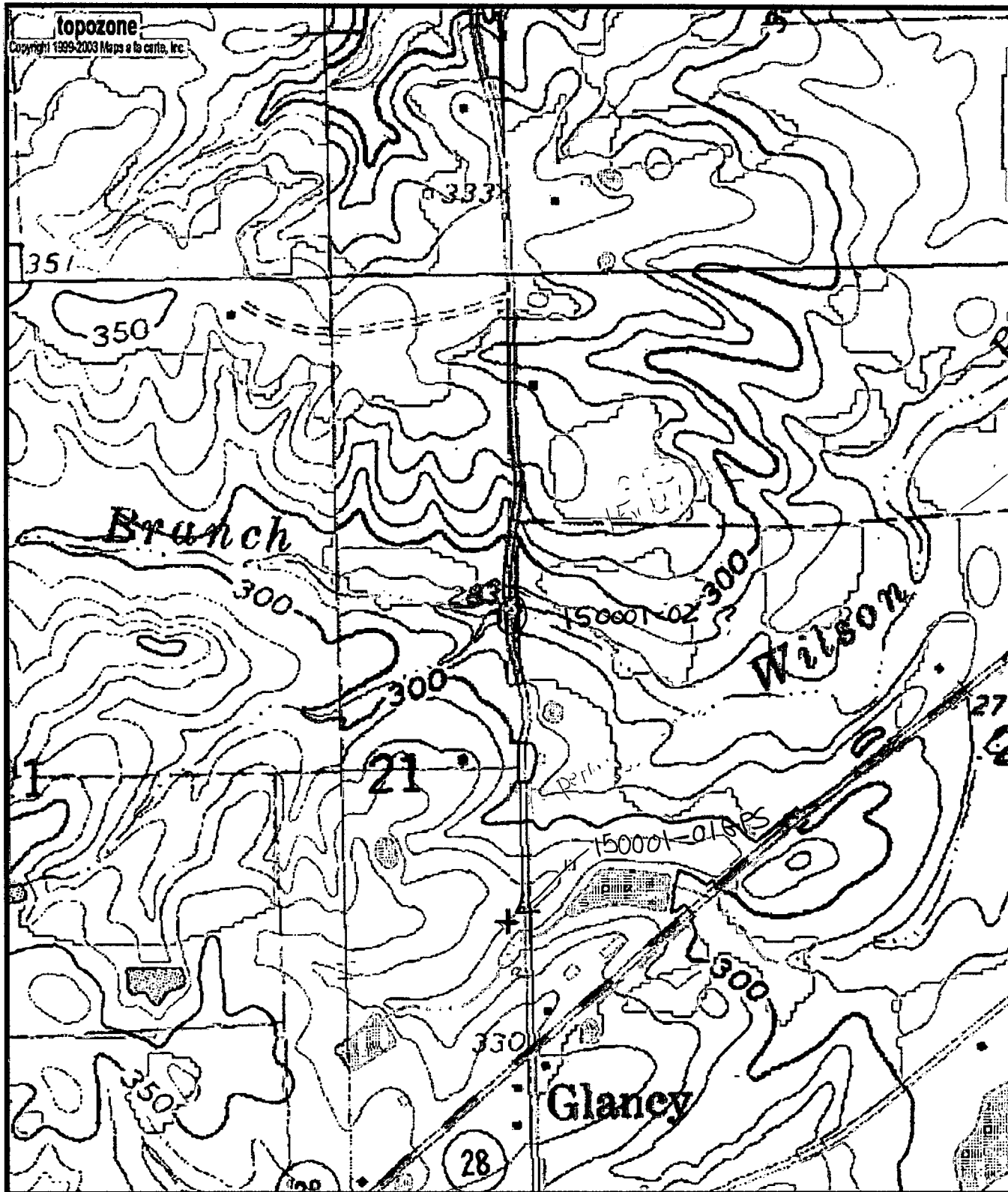
Length: ...

Length: ...





COPKIN WATER ASSOC. 150001-02  
COPKIN CO. 09 GW1018  
NOV. 19-2003 11 8 579,80, 29705



Map center is 31° 49' 31"N, 90° 29' 50"W (WGS84/NAD83)  
 Hazlehurst quadrangle - TopoZone Pro elevation display  
 Projection is UTM Zone 15 MAD83 Datum

G  
 M=0.824  
 G=1.321