

GW13039

DOH # 150001-01

SITE ID: 314907N 090300901

268C

E Log # 82

WRD Exp. (GW) April 1966

Well No.

WELL SCHEDULE GEOLOGICAL SURVEY

HAZLEHURST QUAD WATER RESOURCES DIVISION

MASTER CARD

Record by C. J. ... Source of data MSGS Date 11-28-66 Map Hazlehurst

State ... 28 County Copiah 125

Latitude: 31 49 07 N Longitude: 09 03 00 W Sequential number: 1

Lat-long accuracy: 20 T. 10 S. E. 7 W. Sec 21 NE SE NE SE

Local well number: 0005 AD 21-10 N 07 E Other number:

Local use: 064082 868 55 Owner or name: Assoc. T.H. #1 Copiah W.A.

Owner or name: B. PIERRE W.A. Address: Copiah W.A.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist

Use of water: (A) Air cond, (B) Bottling, (C) Comm Dewater, (D) Power, (E) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (Z) Destroyed

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 8/71 74

Freq. sampling: 75 Pumpage inventory: yes 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 146.5 ft Meas. 24 3

Depth cased: (first perf.) 142.5 ft Casing type: Steel Diam. 8 1/2 in 29 30

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

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

Date Drilled: 11-8-66 166 Pump intake setting: 36 38

Driller: ... name (L) address

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

Power (type): (nat) diesel, elec, gas, gasol., (LP) hand, gas, wind, H.P. 20 Trans. or meter no. 41

Descrip. MP 325 ft above LSD . Alt. MP

Alt. LSD: 318' T. 348 Accuracy: (source) topo 47 3

Water Level: 76 Accuracy: 52 A

Date meag: 871 Yield: 125 gpm Method determined 61

Drawdown: 62 Accuracy: 65 Pumping period 66 8

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

Sp. Conduct K x 10^6 73 Temp. °F 220 Date sampled 871 76

Taste, color, etc. 77 79

FIELD BRANCH

Well No.

05

6/16/94 LAR/DRB

Copiah
 05
 7-68

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

013
 MGS

WATER WELL DRILLERS LOG

7-15-1968 Layne Central Co. Copiah
 date well completed firm name county well located

LANDOWNER: <u>Baptist Pierre</u> <u>Water Association</u>	description of formations encountered	from	to
<u>Hazlehurst Miss</u> (mailing address)			
WELL LOCATION: <u>SE 1/4</u> sec. <u>21</u> T. <u>10</u> N. R. <u>7</u> E <u>6</u> miles <u>South</u> of <u>Hazlehurst</u> (distance) (direction) (nearest town)	Red Clay	0	15
WELL PURPOSE: <u>Domestic</u> (home, irrigation, municipal, industrial)	Sand, <u>strata</u> of clay	15	88
WELL COMPLETION DATA:	Clay	88	109
(1) diameter (inches) <u>8"</u>	Sand	109	136
(2) total depth (feet) <u>471'</u>	Clay	136	138
(3) static water level (feet) <u>75'</u> below top of ground.	Sand	138	165
(4) casing <u>Steel</u> , <u>425'</u> (material), (depth)	Clay	165	190
<u>8"</u> (size) if telescope see back.	Sand	190	225
(5) screen <u>40'</u> , <u>425'</u> (length), (depth to top)	Clay	225	285
<u>6"</u> , <u>Stainless Steel W.W.</u> (size), (material)	Sandy Clay	285	296
(6) pump <u>20</u> (HP) (yield gpm)	Clay	296	330
<u>Electric</u> (type power)	Sandy Clay	330	342
(7) electric log <u>No</u> (yes or no)	Shale	342	409
(organization running log)	Sandy Shale	409	416
(8) how well bottom plugged <u>Valve</u>	Fine Sand	416	422
DRILLERS REMARKS:	Sand	422	472
<u>Pump not installed as of this date - no test run</u>	Shale	472	522

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 JUL 24 1968

The box below is for office use only.

MBCN 0-5

Issued: <u>10-8-91</u>	Expires: <u>10-8-2001</u>	Fee Paid <input checked="" type="checkbox"/>	Permit No. <u>GW-13039</u>
Lat <u>31-49-12</u>	Long <u>90-29-59</u>	Elev. <u>330</u>	USGS No. _____
Quad <u>HAREHURST</u>	Dist. _____		Basin No. _____
STAC _____			Dam Inv. No. <u>03180003</u>
			Dam appl. No. _____

RECEIVED

OCT 05 1990

See Paid Department of Natural Resources Bureau of Land & Water Resources

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39238-0631

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

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 (City) (State and Zip) (601) 892 - 3738 (Telephone Number)

HD # 13039

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 10N, Range 7E, 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 _____

Construction of proposed work will begin on (date) _____, 19____ and will be completed by (date) _____, 19____

Water will be used from (month) January to (month) December 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: 470 feet. DRILLER (name): _____
 - (b) SURFACE CASING: Length: 425 feet. Diameter: 8 inches. Type: WS
 - (c) SCREEN: Length: 40 feet. Diameter: 6 inches. Type: SSWW
 - (d) PUMP: Type: Vertical Turbine Size: _____ Capacity: 150 gallons per minute.
Number of stages: 11 Setting depth: 157 feet.
 - (e) POWER UNIT: Type: US Size: 20 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.

TOWNSHIP	RANGE	SECTION	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 50; 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 _____
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	194,000	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.

Jeff Brown
 (Signature)

Subscribed and sworn to before me this 4th day of October 1990, at Jackson, MS
 County of Madison. My commission expires MY COMMISSION EXPIRES 7-17-91
Dora W. McCain, Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAR/DKB DATE: 6/16/94
UNIT DEQ #: 82859 FILE #: A061616A
HEALTH DEPT. #: 150001-01 ELEV. 300
USGS #: 0-005 OLWR #: 13039
OWNER: Copiah Water Assoc., Inc.
LOCATION: SE/NE/SE 21 T 10N R 7E COUNTY: Copiah
LOCATION DESCRIPTION: well on left side of road, about .05 miles from the other well.
CASING DIA: _____ PUMP TYPE & SIZE: Turkine 1/30
GPS FIELD LOCATION: LAT. 31-49-16 N LONG. 90-21-51 W
GPS CORRECTED LOCATION: LAT. 31.4915.189 LONG. 90.2950.596
31.820886 90.497388
REMARKS: in fenced area

39 59 60 31 59 60 No. Survey Quad
49
60
29 40
31 10.50
29 5 17

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

GPS LOG

USER NAME (S) : RLB

DATE : NOV 5-2003

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. 150001-01

ELEVATION :

USGS # : O5

OLW gw13039

OWNER : Copiah water assoc.

QUAD : hazlehurst

LOCATION : nw se S 21 T 10N R 7e COUNTY copiah

LOCATION DESCRIPTION : .1 north of intersection hy 28

CASING DIA : 8

PUMP TYPE & SIZE :tb

GPS FIELD LOCATION : LAT 31.82082

LONG. 90.49740

GPS CORRECTED LOCATION : LAT

. LONG.

REMARKS : p001006

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

**Ground Water Permit
General Report**

Permit Number: MS-GW-13039

County: COPIAH

Owner: COPIAH WATER ASSOCIATION, INC.

Aquifer: CTHL

USGS No: 00005

BOH No: 0150001-01

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: LAYNE-CENTRAL

Maximum Rate: 150

Amount Withdrawn Acre feet: 44.8128

Amount Withdrawn Mgd: .04

Use

RURAL WATER
ASSOCIATION

Casing

Type: STEEL

Diameter: 8

Length: 425

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 40

150001-02

Department of Environmental Quality

4 miles from intersection of I-75 and I-85

1st picture

Left side road looking N.

31.82528
90.49707

31.82535
90.49708

~~31.82528~~
90.49705

150001-01

1 Miles from INT.

31.82088

31.82084

31.82082

90.49745

90.49744

90.49740

31.82077

90.49741

0001006

Screen

Casing

Use

Type:

Type:

Type:

Diameter:

Diameter:

Diameter:

Length:

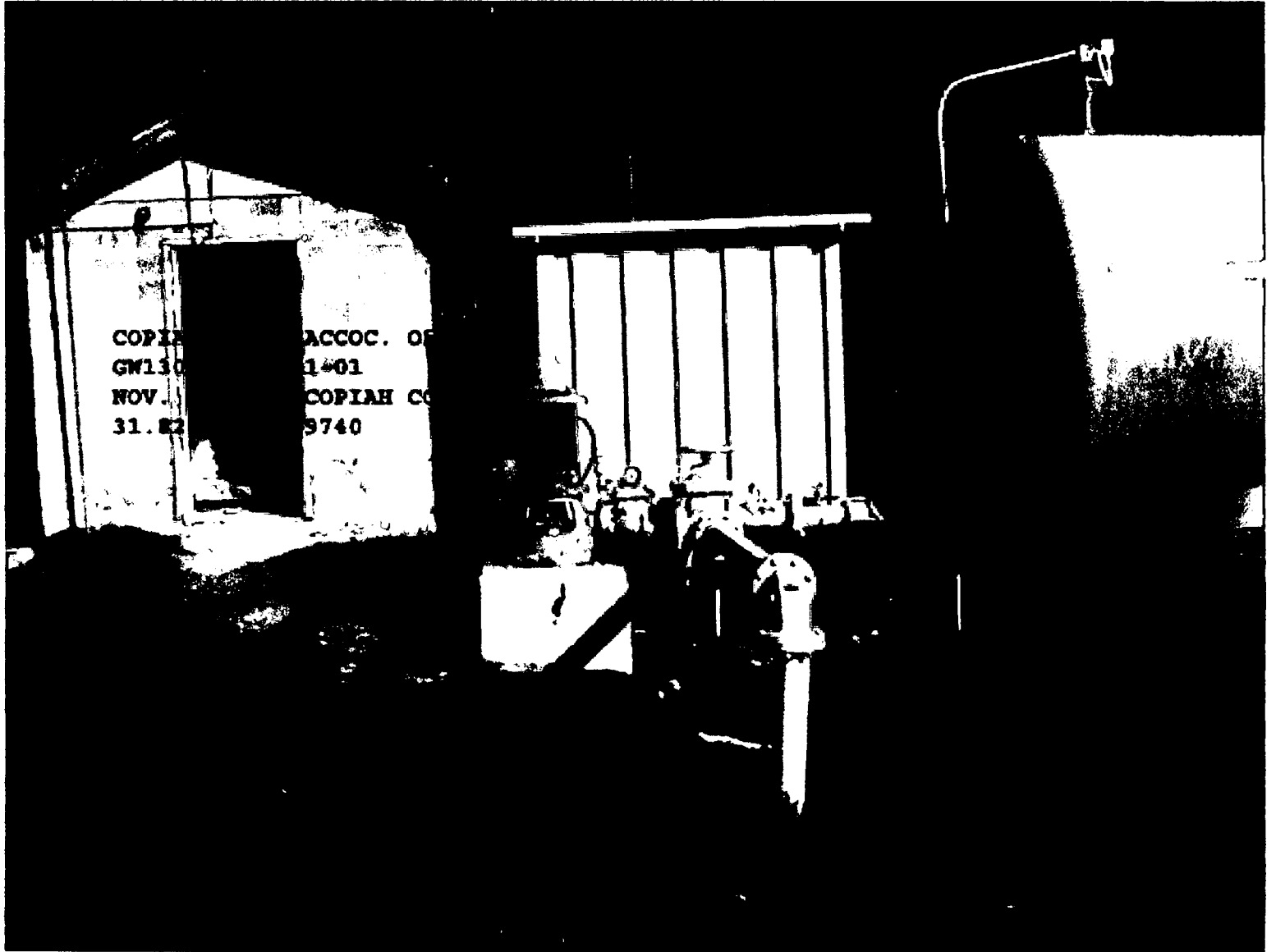
Length:

Length:

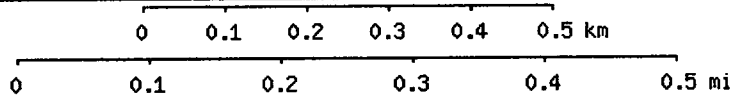
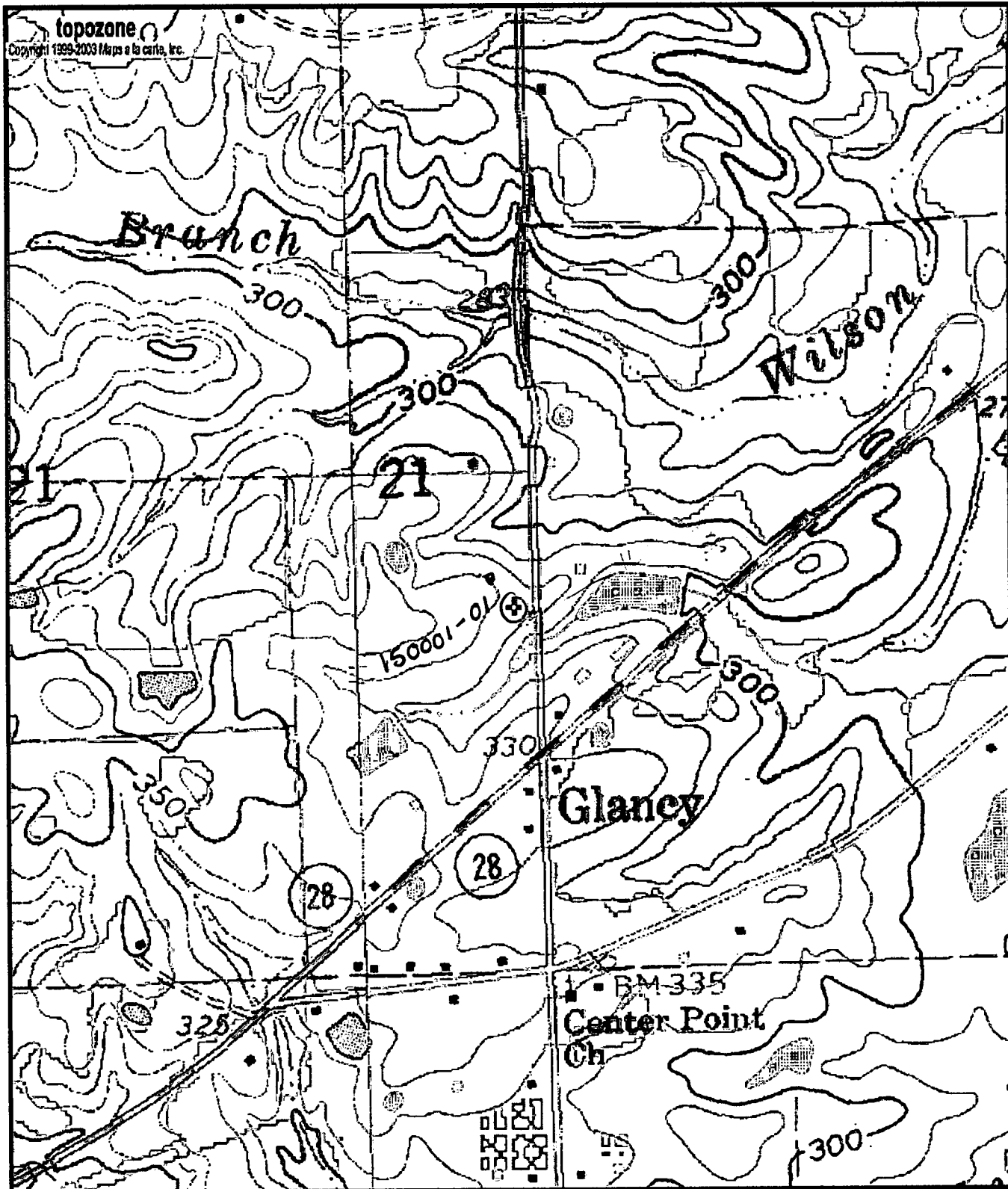
Maximum Rate:

Amount Withdrawn Area:

Amount Withdrawn Mgd:



COPIA ACCOC. OF
GW130 1401
NOV. COPIAH CO
31. 82 9740



Map center is 31° 49' 15"N, 90° 29' 51"W (WGS84/NAD83)
 Hazlehurst quadrangle - TopoZone Pro elevation display
 Projection is UTM Zone 15 NAD83 Datum

↑ N
 ↓ G
 M=0.825
 G=1.32