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Date

5/77

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

WELL RECORD

Well No.

B102

E-Log No.

131

County

Forrest

Eastabuchie

Quad

Site ID

312456089193801

R=0*

T=A*

2=W*

Data reliab.

3=C*

Report. agency

4=USGS*

Dist.

6=28*

7=28*

Co.

8=035*

Lat.

Long.

9=312456*

10=0891938*

Well No.

12=B102*

Location

13=NW SW S 08 T 05 N R 13 W*

Alt.

16=270.*

Hyd. Unit (OWDC)

20=

Date

21=04/26/1977*

Well use

23=W*

Water Use

24=P*

Hole depth

27=1009.*

Well depth

28=895.*

WL

30=107.*

Date

31=10/31/1977*

Source

33=D*

Status

273=*

Project No.

5=

R=158*

T=A*

Date

159#10/31/1977*

Owner No.

Well #2

Owner

161=GLENDALÉ UTIL DIST*

R=192*

T=A*

Date

193#05/02/1979*

Temp.

196#00010*

197=24.5*

R=192*

T=A*

Date

193# / / *

Cond.

196#00095*

197=

R=192*

T=A*

Date

193#05/02/1979*

pH

196#00400*

197=7.6*

R=58*

T=A*

59#1*

Date

60=10/31/1977*

Remarks

Drig.

63=184*

Name

Griner

Method

65=H*

Finish

66=S*

R=76*

T=A*

59#1*

Top csgn.

77#0.*

Bot. csgn.

78=84.2.*

Diam.

79#12.*

R=76*

T=A*

59#1*

Top csgn

77#80.0.*

Bot. csgn.

78=85.5.*

Diam.

79#8.*

R=82*

T=A*

59#1*

Top

83#85.5.*

Bottom

84=89.5.*

Type

85=S*

Diam.

87=8.*

Size

88=

R=82*

T=A*

59#1*

Top

83#

Bottom

84=

Type

85=

Diam.

87=

Size

88=

T=A*

147#1*

Q

150=554.*

Q/S

272=9.9*

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

Date 38= 10/31/1977* H.P. 46= 5.0.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1009.*

R=198* T= A * Log 199# E* Top 200= 10.* Bot 201= 1008.*

R=189* T= A * E Log No. 190# 131* 191= M I S S D I S T *

R=114* T= A * Year 115# * Type 120= *

R=90* T= A * 256# 1 * Top 91= 850.* Bot 92= 897.*

Unit ID 93= 122 M.C.N. * Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

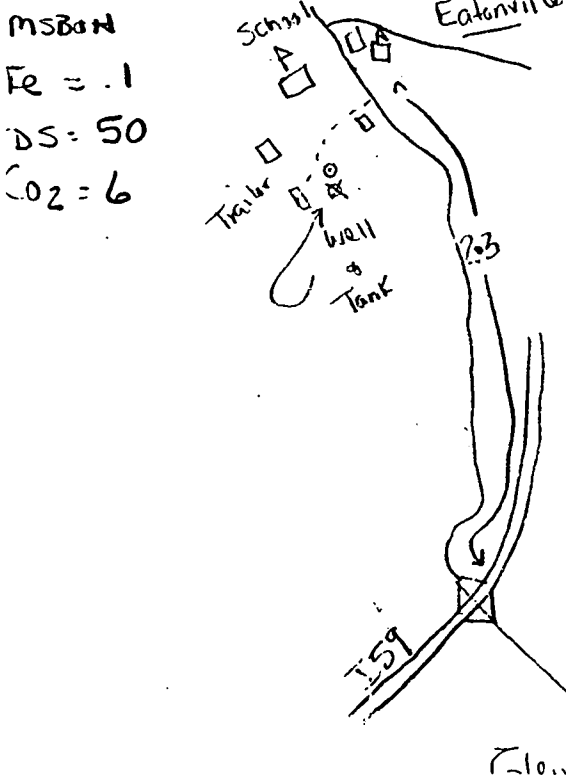
107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

R=121* T= * Yr. Begin 122# *

Water Level Data Collection (1)



10/20/77

130

3

129.35

TOP SOIL	C	3
COARSE SAND + GRAVEL	3	164
CLAY	164	290
SAND, coarse	290	506
CLAY	506	600
SAND and CLAY STRATA	600	635
SAND	635	650
CLAY	650	724
SAND, fine	724	750
CLAY & SILT	750	800
SAND	800	877
SAND, CLAY STRATA	877	1000

FORREST
B 102
10/77
Log # 131

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

CODED

WATER WELL DRILLERS LOG

19 77 CRINER DRILLING SERVICE FORREST
date well completed firm name county well located

LANDOWNER: <u>GLENDAL</u>	description of formations encountered	from	to
<u>UTILITY DISTRICT</u>	<u>TOP SOIL</u>	<u>0</u>	<u>3</u>
<u>WELL NO. 2</u>	<u>COARSE SAND + GRAVEL</u>	<u>3</u>	<u>160</u>
(mailing address)	<u>CLAY</u>	<u>160</u>	<u>340</u>
WELL LOCATION: <u>N 1/4 SW 1/4 NW 1/4</u>	<u>SAND + GRAVEL</u>	<u>340</u>	<u>506</u>
sec. <u>8</u> T. <u>5</u> N. R. <u>13</u> E. S. <u>5</u> W.	<u>CLAY</u>	<u>506</u>	<u>600</u>
(distance) miles (direction) of (nearest town)	<u>SAND and CLAY STREAKS</u>	<u>600</u>	<u>638</u>
WELL PURPOSE: (home, irrigation, <u>municipal</u> , industrial)	<u>SAND</u>	<u>638</u>	<u>650</u>
WELL COMPLETION DATA:	<u>CLAY</u>	<u>650</u>	<u>724</u>
(1) diameter (inches) <u>12 3/4</u>	<u>SAND, FINE</u>	<u>724</u>	<u>750</u>
(2) total depth (feet) <u>895</u>	<u>CLAY + ROLLS</u>	<u>750</u>	<u>850</u>
(3) static water level (feet) <u>107</u> below above top of ground.	<u>SAND</u>	<u>850</u>	<u>899</u>
(4) casing <u>Steel</u> <u>842</u> (material) (depth)	<u>SAND + CLAY STREAKS</u>	<u>899</u>	<u>1009</u>
<u>12 3/4</u> (size) if telescope see back.			
(5) screen <u>40</u> <u>855</u> (length) (depth to top)			
<u>8</u> <u>304 S.S.</u> (size) (material)			
(6) pump <u>50</u> <u>554</u> (HP) (yield gpm)			
<u>Elect.</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>Miss. Geol. Survey</u> (organization running log)			
(8) how well bottom plugged <u>BACK</u>			
DRILLERS REMARKS:			

RECEIVED
JAN 25 1978
MISS. BD. OF WATER COMMISSIONERS

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.

1-13-1998 AGN.

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

Issued: 2-23-88	Expires: 1-13-2008	Fee Paid: X	Permit No.
Lat. 31-24-32	Long. 89-19-46	Elev. 275	USGS No. B102
Quad. EASTABUCHIE	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. GW-5701

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: W A

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Glendale Utility District 64-077303
(Name) (SSN or Tax ID No.)

2805 Glendale Ave.
(Address)

Hattiesburg, MS 39401 (601) 583-0647
(City) (State & Zip) (Telephone No.)

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

RECEIVED

(Name) OCT 13 1997 (SSN or Tax ID No.)

(Address) Dept. of Environmental Quality
Office of Land & Water Resources

(City) (State & Zip) (Telephone)

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

NW 1/4 of the SW 1/4 of Section 08, Township 05N, Range 13W, County Forrest

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.

SECTION B (to be completed for GROUNDWATER SOURCE) (Underground)

1. AQUIFER: MIOCENE MISSISSIPPI DEPARTMENT OF HEALTH NO.: HD #180007-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.

If well has already been drilled, when was well completed (date)? Oct., 19 77. Under whose name was well originally drilled (if known)? GRINER DRILLING GLENDALE UTIL.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 0895 feet. DRILLER: Griner Drilling Services

(b) SURFACE CASING: Length 842 feet; Diameter 12 inches; Type Steel

(c) SCREEN: Length 40 feet; Diameter 008 inches; Type Stainless Steel

(d) PUMP: Type Turbine; Size 10"; Capacity 500 gallons per minute; Setting depth 20.5' feet

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

4. PERMITTED VOLUME:

(a) _____ acre-feet per year at a maximum rate of 550 gallons per minute

(b) 0.28 million gallons per day at a maximum rate of 550 gallons per minute

BB 0-01
11-26-97

(CONTINUED ON BACK)

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

1. Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
2. Discription of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
3. _____ 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)

1. Name of storage reservoir: _____ Dam Height: _____ feet
2. 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)

1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____;
Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____;
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. _____
2. **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 1447
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? _____
(Volume) (Year) (Volume) (Year) (Volume) (Year) 0 (Volume) (Year)
4. **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? _____
5. **RECREATION:** Explain how water will be used: _____
6. **OTHER USE:** Explain in detail (if needed, attach another page): _____
7. **REMARKS:** _____

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

Janice P. Strack
(Name)

2805 Glendale Ave.
(Address)

Hattiesburg, MS 39401
(City, State, Zip)

(601) 583-0647
(Telephone)

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

Janice P. Strack
(Signature)

Subscribed and sworn to before me this 9TH day of OCTOBER, 19 97, at HATTIESBURG County of FORREST

My commission expires MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES JULY 31, 1998
BONDED THRU SPECIAL NOTARY SERVICE Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Eastabuchie
Quad

GPS LOG

USER NAME(S): GA. Hornbeak DATE: 6/30/94

UNIT DEQ #: 82555 FILE #: C063016A

HEALTH DEPT. #: 180007-01 ELEV. 280

USGS #: Z-108 B102 OLWR #: 5701

OWNER: Glen Dale Utility Dist.

LOCATION: SW-NW-SW S 8 T 5 R 13W COUNTY: Forrest

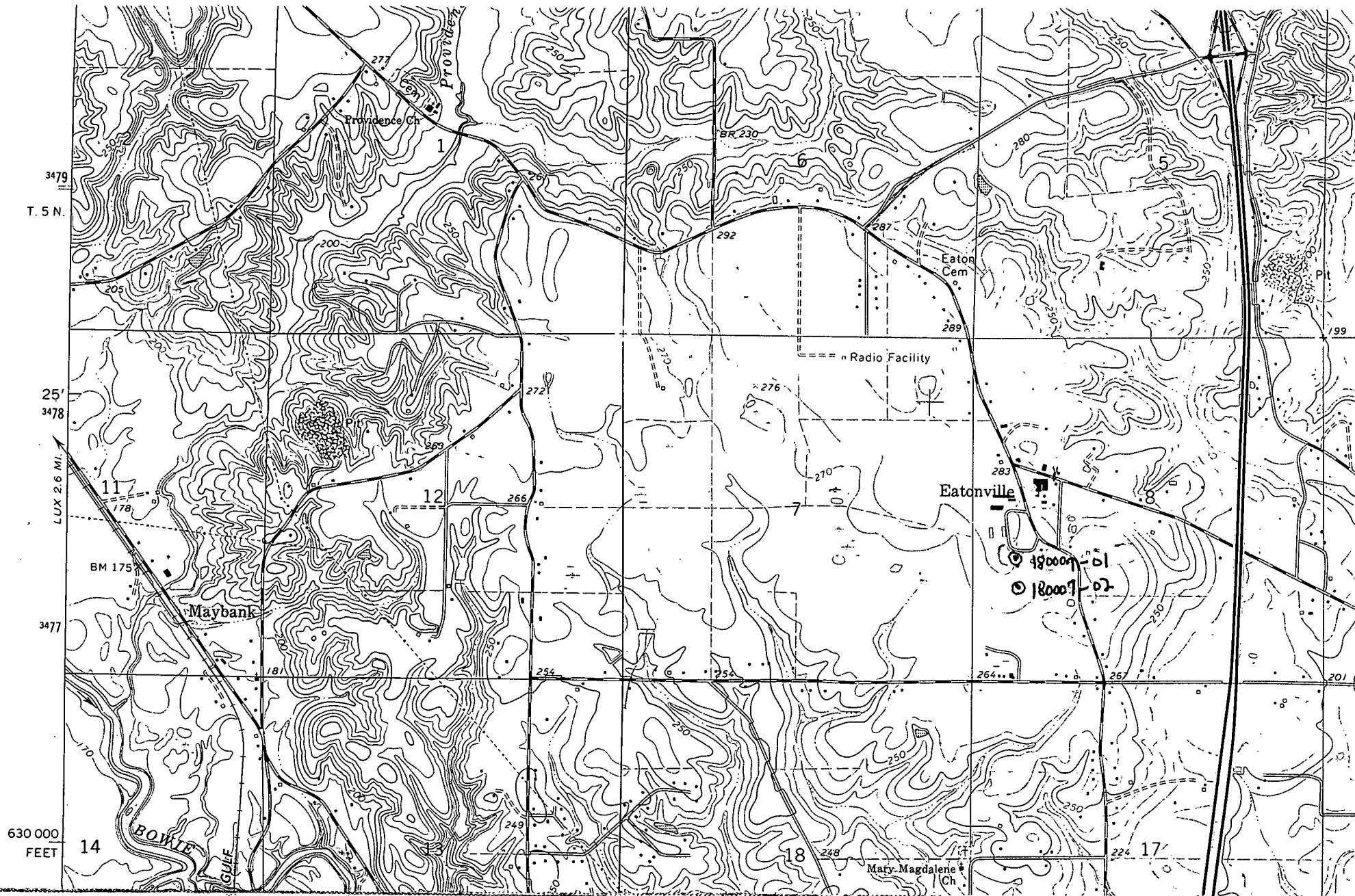
LOCATION DESCRIPTION: OFF Eatonsville Rd about 2 mi. N of I-59
South of North Forrest High School / E of Baseball Field.
at (Stand Pipe Tank)

CASING DIA: 12" PUMP TYPE & SIZE: 50 HP Elec.

GPS FIELD LOCATION: LAT. 31° 24.614 LONG. 89° 19.717

GPS CORRECTED LOCATION: LAT. 31 24 36.764 LONG. 89 19 44.138
31.410212 89.328927

REMARKS: GPS at well.



Eastabuchie Quad