

No driller's log

6W14969

DOH # 180015-02

E232

Coded By 0 3/95
Checked By 1190424-95
Entered By 293
Date 2/95

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No.
County Lamar
Agency

Well No.

WELL RECORD

Agency Code: U1S1G1S Site Id: 131420440891232H1011 Project No.: 5

Station Name: 125 E2321 HATTIESBURG Latitude: 93121044 Longitude: 104018923244

Loc./Long Ac.: 11 S 0 T W Dist: 6-23 State: 7-28 County: 8-017B1 NE Land Net: 13 NW NE S10 B1 T10 AN R11 14 W 2

Location Map: 14 HATTIESBURG SW Altitude: 16-250 Mec/Meas: 17-ALM Accuracy: 18-15 Hydraulic Unit: 20-0311701014

Agency Use: 803-1-1 Date Invented: 711 Station Type: 4 Data Type: 804

Instr.: 805 Remarks: 806 Relia.: 3-CLM 2-X

Date of Construction: 21-05/125/11968 Well Use: 23-W Water Use: 24-P Primary Aquifer: 714-22CTHLM Hole Depth: 27

Well Depth: 29-1760 Water Level: 30-110 Water Level Date: 31-05/125/11969 Method: 34 Status: 37 Source: 33-D

Well # 2
at same site
using moco
11/01
MU

CONSTRUCTION DATA

Construction Date: 60-05/125/11968 Contractor: 63-11814 Name: Griner Method: 65-H Finish: 66-S

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#L	77	110	78	110	79	14
R=76	T=A	725#2	59#L	77	147	78	172		

CONSTRUCTION OPENINGS DATA

R=32	T=A	726#1	59#L	83	1720	84	1760	87	14	85-S	89		88	1119
R=32	T=A	726#2	59#L	83		84		87		85	89		88	

CONSTRUCTION LIFT DATA

Life Type: 43-S Date: 38-05/125/11968 Intake: 44-12101

Power: 45-E H.P.: 46-115 Serial No.: 49

MISCELLANEOUS OWNER DATA

Date of Ownership: 159-05/125/11968 Owner Name: 161 HATTIESBURG

MISCELLANEOUS OTHER ID DATA

E-Log No.: 190 Assigner: 191-H | S | S | O | S | T |

Formerly JETON
CC LAKE UIC

MISCELLANEOUS GW 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 / / / / / / .	So 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=199	T=A	739#1	Log Top 1994 .	Sec. Depth 2004 / / / / / .	End Depth 2014 / / / / / .
R=198	T=A	739#1	Log Top 1994 .	Sec. Depth 2004 / / / / / .	End Depth 2014 / / / / / .

MISCELLANEOUS NETWORK DATA 106 = QW WL WD *

R=114	T=A	730#1	Sec. Year 1154 1 9 / / .	End Year 1164 1 9 / / .	Agency Source 120=A 117# / / / / .	Freq. 1184 / .
R=121	T=A	730#2	Sec. Year 1154 1 9 / / .	End Year 1164 1 9 / / .	Agency Source 117# / / / / .	Freq. 1184 / .

MISCELLANEOUS REMARKS DATA

R=187	T=A	311#1	Date of Remarks 1844 / / / / / / .	Remarks 1854
-------	-----	-------	---------------------------------------	-----------------

DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148-05/25/1968	Flow 703 (P) H	Discharge 1504 / / 1594 .	So. Capacity 2724 / / / / .
-------	-----	--------------------	------------------------	-------------------	------------------------------	--------------------------------

GEOPHYRMOLOGIC DATA

R=90	T=A	721#1	Depth Top 914 / / / / / .	Depth Bot. 924 / / / / / .	Unit Id 934 12121111111111111111	3044
------	-----	-------	------------------------------	-------------------------------	-------------------------------------	------

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004 / / / / / .	1034 / .
------	-----	-------	---------------------------------	----------

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



MAY 04 1995

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 OLW 100
Dept. of Environmental Quality
Office of Land & Water Resources

Issued: <u>6-13-95</u>	Expires: <u>6-13-2005</u>	Fee Paid: <u>X</u>	Permit No. <u>GW-14969</u>
Lat. <u>31 20 44</u>	Long. <u>89 23 14</u>	Elev. <u>258</u>	USGS No. <u>E 232</u>
Quad. <u>HATTIESBURG SW</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MCCN</u>	Tract No.		Basin No. <u>03170004</u>
Remarks:			Dam Inv. No.

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

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 Hattiesburg 64-6000-432
(Name) (SSN or Tax ID No.)

P.O. Box 1898
(Address)

Hattiesburg, MS 39403-1898 (601) 545-4500
(City) (State & Zip) (Telephone No.)

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

(Name) (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

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

NW 1/4 of the NE 1/4 of Section 03, Township 04N, Range 14W, County Lamar

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. well, .007 MGD, MSGW-13090

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Catahoula MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180015-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? 5-25-, 19 68. Under whose name was well originally drilled (if known)? unknown

3. Description of proposed or completed well:
(a) DEPTH OF WELL: 760 feet. DRILLER: Griner
(b) SURFACE CASING: Length 720 feet; Diameter 6 inches; Type unknown
(c) SCREEN: Length 40 feet; Diameter 4 inches; Type unknown
(d) PUMP: Type submersible; Size 3 in.; Capacity 125 gallons per minute; Setting depth 210 feet
(e) POWER UNIT: Type electric; Size 15 horsepower

4. PERMITTED VOLUME :
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 0.008 million gallons per day at a maximum rate of 125 gallons per minute

(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. Description 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 40

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? $\frac{7000}{(\text{Volume})}$ $\frac{2000}{(\text{Year})}$ $\frac{7500}{(\text{Volume})}$ $\frac{2005}{(\text{Year})}$ $\frac{8000}{(\text{Volume})}$ $\frac{2010}{(\text{Year})}$ $\frac{8500}{(\text{Volume})}$ $\frac{2015}{(\text{Year})}$

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.

Chuck Henderson

(Name)

Water Plant #2--900 James St.

(Address)


Hattiesburg, MS 39401

(City, State, Zip)

601-545-4530

(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.



(Signature)

Subscribed and sworn to before me this 18th day of April, 1995, at Hattiesburg County of Jonest

My commission expires _____ My Commission Expires August 23, 1998 Melinda M. Nixon Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg SW
Quad.

GPS LOG

USER NAME(S): CA. Hornbeak DATE: 6/29/94

UNIT DEQ #: 82555 FILE #: C062916B

HEALTH DEPT. #: 180015-02 ELEV. 258

USGS #: Z-142 F232 OLWR #: GW14969

OWNER: City of Hattiesburg

LOCATION SW-SE 34 5N 14W COUNTY: Fattest
NW-NE S 3 T 4N R 14W Lamar / ON County Line

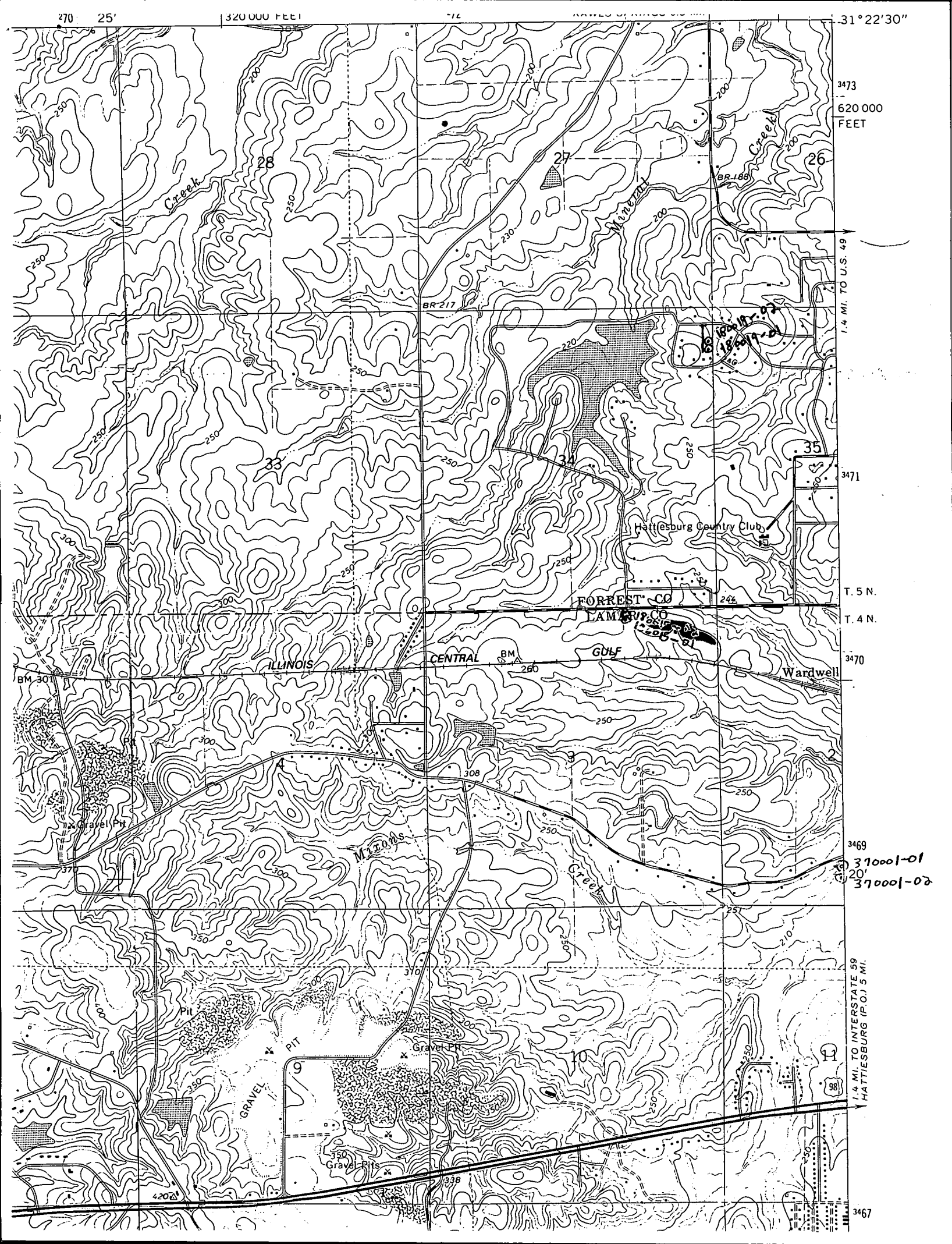
LOCATION DESCRIPTION: S side of J. Ed Turner Rd 5/10 mi. west of Intersection
of J. Ed Turner Rd + Classic Dr.

CASING DIA: 6" Furthest N of the 2 wells. PUMP TYPE & SIZE: Sub. Pump

GPS FIELD LOCATION: LAT. 31° 20.785 LONG. 89° 23.211

GPS CORRECTED LOCATION: LAT. 31 20 47.378 LONG. 89 23 14.580

REMARKS: GPS at well. 31.346494 89.387383



270 25'

320 000 FEET

31° 22' 30"

3473
620 000
FEET

1.4 MI. TO U.S. 49

3471

T. 5 N.

T. 4 N.

3470

3469

370001-01
370001-02

1.4 MI. TO INTERSTATE 59
HATTIESBURG (P.O.) 5 MI.

3467