

Well No. A74

Coded By 0 3/95
Checked By J.P. 0424-95
Entered By J.P. 7/95
Date 7/95
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. _____
County Forest
Agency _____

WELL RECORD

Hattiesburg SW
Quad

Agency Code U1S1G1S Site Id 1311220209123051011 Project No. 54

Station Name 12-A10174 HATTIESBURG Latitude 9511221021 Longitude 10401891231051

Lac/Land Ac. 114 5 (F) M Disc 6=29 State 7=29 County 8=0305 Land Net 13=NENE SPHTT1015N1R114W1

Location Map 14=HATTIESBURG ISW Altitude 16=255 Mec/Meas 17=A L (M) Accuracy 18=15 Hydrologic Unit 20=013111001014

Agency Use 803= A (A) Date Invented 711 Station Type 4 Data Type 804

Instru. 805 Remarks _____ Relia. 3= C L M (U) 2 (M) X

Well #2
at North site

Date of Construction 21=06/26/1968 Well Use 23=M Water Use 24=P Primary Aquifer 714=122K T M L M Hole Depth 27

Well Depth 29=150 Water Level 30=1017 Water Level Date 31=06/26/1968 Method 34=1 Status 37=1 Source 33=D

CONSTRUCTION DATA

Construction Date 60=06/19/1968 Contractor 63=18A Name Griner Method 65=H Finish 66=S

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
<u>725#1 59#1 77 1101</u>	<u>78# 110101</u>	<u>79# 161</u>
<u>725#2 59#1 77 161681</u>	<u>78# 11101</u>	<u>79# 14</u>

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>83# 11101</u>	<u>84# 11501</u>	<u>87# 14</u>	<u>85# S</u>	<u>89#</u>	<u>88# 101101</u>
<u>83#</u>	<u>84#</u>	<u>87#</u>	<u>85#</u>	<u>89#</u>	<u>88#</u>

CONSTRUCTION LIFT DATA

Power 45# E H.P. 46# 115 Serial No. 49#

Lift Type 43# S Date 38=06/26/1968 Intake 44# 12101

MISCELLANEOUS OWNER DATA

Date of Ownership 159=06/26/1968 Owner Name 161=HATTIESBURG

MISCELLANEOUS OTHER ID DATA

E-Log No. 190# Assigner 191# M C S S O C S T

Formerly
JETCO

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196400010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	So Cond	196400095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196400300	Value	1974

MISCELLANEOUS LOGS DATA

R=199	T=A	739#1	Log Type	1994	Beg. Depth	200	End Depth	201
R=199	T=A	739#1	Log Type	1994	Beg. Depth	200	End Depth	201

MISCELLANEOUS NETWORK DATA $Q = \frac{WL}{WD} * K$

R=114	T=A	730#1	Beg. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184
R=121	T=A	730#2	Beg. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184	Remarks	185
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148	Type	703	Discharge	150	So. Capacity	272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	304
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100	103
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**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FROM
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

RECEIVED

MAY 04 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5200

Dept. of Environmental Quality
Office of Land & Water Resources

This box is for office use only.

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

Issued: <u>6-13-95</u>	Expires: <u>6-13-2005</u>	Fee Paid: <u>X</u>	Permit No. <u>GW-14970</u>
Lat. <u>31 21 34</u>	Long. <u>89 23 02</u>	Elev. <u>240</u>	USGS No. <u>A74</u>
Quad. <u>HATTIESBURG SW</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>13170004</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): Public Supply, Municipal, Rural Water, or Private Water Irrigation
 Industrial Fish Culture Recreation Institutional (eg. Church, School) Commercial (eg. Hotel, Casino, Restaurant) Fire Protection Livestock Flood Protection 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):

NE 1/4 of the NE 1/4 of Section 34, Township 05N, Range 14W, 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. well, .007MGD, MSGW-13089

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Catahoula MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180019-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? 6-26-, 19 68. Under whose name was well originally drilled (if known)? UNKNOWN

3. Description of proposed or completed well:
 (a) DEPTH OF WELL: 750 Feet. DRILLER: Griner
 (b) SURFACE CASING: Length 710 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 Forrest
 My commission expires My Commission Expires August 23, 1996 Melinda M. Nixon Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg SW
quad.

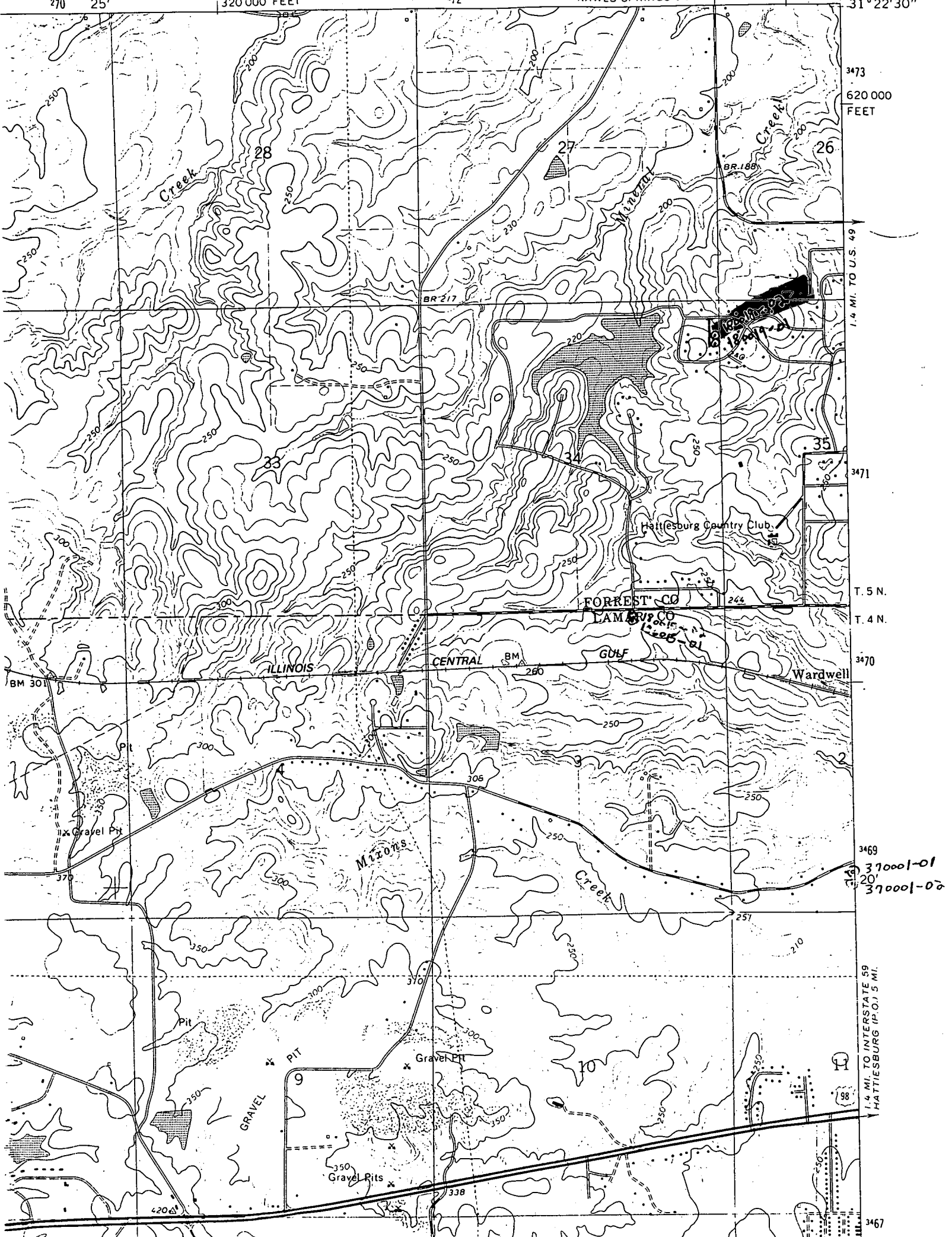
GPS LOG

USER NAME(S): CA Hornbeak DATE: 6/29/94
UNIT DEQ #: 82555 FILE #: C062915B
HEALTH DEPT. #: 180019-02 ELEV. 240
USGS #: 2-147 A74 OLWR #: GW14970
OWNER: City of Hattiesburg
LOCATION: NE-NE-NEs 34 T 5N R 14w COUNTY: Forrest
LOCATION DESCRIPTION: on Pitt Rd 1/10 mi. S of Lake Est. Rd 1/10 mi. W
of intersection of Lake Est Rd + Fair Lake Rd.
CASING DIA: 6" PUMP TYPE & SIZE: Sub. Pump
well is N of Tank.
GPS FIELD LOCATION: LAT. 31° 21.589 LONG. 89° 22.984
GPS CORRECTED LOCATION: LAT. 31 21 34.158 LONG. 89 22 59.496
31.359488 89.383193
REMARKS: GPS at well.

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
20
370001-02

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

3467