MASTER CARD

Record by: OT
Source of data: MECS 1/2
Date: 3/16-68
Map: Eastabuchie

State: MS
County: 28
Lat-long: 32 23 52.8 N 90 11 15.30 W
Longitude: 89 15 30.0

Local well number: 130.5
Local use: 130.5 S, N: 13 W
Owner or name: Eastabuchie, Water Dist.
Address:

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


DATA AVAILABLE:

Field aquifer char.

Hyd. lab. data:

Qual. water data:

Freq. sampling:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: Split Screen ft:
Meas.:

Depth casing:
(1st perf.):

Casing:

Type:

Finish:
porous gravel v., gravel v., horiz. open perf., screen, ad. pt., shored, open hole, other

Method:
air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., percussion, rotary, wash, other

Date:

Driller:

Lift:

Power:
diesel, elec, gas, gasoline, hand, gas, wind, N/P.

Descrip. HP:

Alt. LSD:

Water Level:

Date:

Yield:

Drawdown:

Quality of water:

Sp. Conduct:

Taste, color, etc.
Well No. B 71

Latitude-longitude

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 0.3

Drainage Basin: 13 N

Subbasin: 33

Topo of well site:

(1) Depression, stream channel, dunes, flat, hilltop, sink, swamp.

(2) Offshore, pediment, hillside, terrace, undulating, valley flat.

MAJOR AQUIFER:

System: T-M

Series: M-Z

Lithology: U-S

Origin: 3

Thick: 120 ft

Length open to: 40 ft

Depth to top of: 690 ft

MINOR AQUIFER:

System: Series: Origin:

Aquifer: Aquifer

Thickness: ft

Length open to:

Depth to top of:

Interval Screened:

Depth to consolidated rock:

Depth to basement:

Surficial material:

Infiltration characteristics:

Coefficient

Storage:

Coefficient

Perm:

Approx. 2500' N 600' E

9/12 MSB

Cl: 9.1

Ca: 5

Mg: 1.9

Co: 1.6

Na: 5.5

K: 2

1/2" brather pipe unscrewed

Fish tape in casing opening (can see slot)
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. 8-22-96 AEN.

<table>
<thead>
<tr>
<th>Issued: 3-25-96</th>
<th>Expires: 3-25-2006</th>
<th>Fee Paid:</th>
<th>Permit No.</th>
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<td>Lat. 31-23-49</td>
<td>Long. 89-15-38</td>
<td>Elev. 245</td>
<td>USGS No.</td>
</tr>
<tr>
<td>Quad. Eastabuchie</td>
<td>ASGS Farm No.</td>
<td>STAC.</td>
<td>MSDOH No.</td>
</tr>
</tbody>
</table>

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. (MS-LW-04972)

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) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other:

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: EASTABUCHIE UTILITY ASSN

(Name) 034-069583 (SSN or Tax ID No.)

PO BOX 40

(Address)

EASTABUCHIE, MS 39436 601-545-7629 (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):

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.

H-60180330053 #P=180006-02

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIOCENE MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180006-01

2. Proposed work will begin on 1963 19 , and will be completed by 1963 19 .

   If well has already been drilled, when was well completed (date)? 4-13-1963 19 . Under whose name was well originally drilled (if known)? EASTABUCHIE UTILITY ASSN

3. Description of proposed or completed well:

   (a) DEPTH OF WELL: $10

   (b) SURFACE CASING: Length 688 feet; Diameter 8 3/8 inches; Type STEEL

   (c) SCREEN: Length 40 feet; Diameter 6 inches; Type WIRE WOUND STAINLESS STEEL

   (d) PUMP: Type TURBINE; Size 4; Capacity 255 gallons per minute; Setting depth 250 feet

   (e) POWER UNIT: Type TURBINE HOLLOW SHAFT; Size 30 HP

4. PERMITTED VOLUME:

   1/4 acre-feet per year at a maximum rate of 255 gallons per minute

   1/4 million gallons per day at a maximum rate of 255 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 _______; Smoothed

   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 _______; 455

   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? _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; _______; 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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): C.A. Horstbeck                  DATE: 6/30/94
UNIT DEQ #: 82555                       FILE #: C063017B
HEALTH DEPT. #: 18006-01                  ELEV. 245
USGS #: Z-106                         OLWR #: 1932
OWNER: Eastabutchie Water Assoc.
LOCATION: SW-SW-NW s 13 t 5w R 13w COUNTY: Forrest
LOCATION DESCRIPTION:
  AT Elev water tank SW side of Leeville Rd
  4/10 mi. NW of Chevis Lee Rd.
CASING DIA: 8"                      PUMP TYPE & SIZE: 30 HP Elec.
GPS FIELD LOCATION: LAT. 31° 23.846   LONG. 89° 15.677
GPS CORRECTED LOCATION: LAT. 31° 23.51.180 LONG. 89° 15.40.419
  31.397556 89.261228
REMARKS: GPS at well.