**WELL SCHEDULE**

**MASTER CARD**

Record by: [Redacted]
Source of data: [Redacted]
Date: 11/30/65
Map: Gallman

State: [Redacted]
County: [Redacted]
Latitude: 31° 54' 49" N
Longitude: 89° 02' 31" W

Lat-long accuracy: 100'

Local well number: B & M

Owner or name: CORIAH U.

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

Use of water: Air cond, Bottling, Comm, Dewatering, Power, Fire, Dom, Irr, Med, Ind, F&I, Rec, Stock, Inst, Unused, Repressure, Recharge, Desal-F, Desal-other

Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE:
- Well data
- Freq. W/L meas.:
- Field aquifer char.
- Hyd. lab. data
- Qual. water data:
- Freq. sampling:
- Pumpage inventory:
- Aperture cards:
- Log data

**WELL-DESCRIPTION CARD**

Depth well: 215 ft

Depth cased: 175 ft

Casing: 10 in

Finish: Concrete, (perf.), (screen), gallery, mud

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

Date: [Redacted]

Driller: [Redacted]

Lift: (A) (B) (C) (J) multiple, none, piston, rot, submersed, turb, other

Power: nat LP

Type: Diesel, Elec, Gas, Gasoline, Hand, Gas, Wind, H.P.

Describ. HP: 47A

Alt. LDG: [Redacted]

Water level: [Redacted]

Date: [Redacted]

Yield: [Redacted]

Flow period: [Redacted]

Quality of water: [Redacted]

Sp. Conduct: [Redacted]

Taste, color, etc.: pH 5.2

Date: 6/14/1994 CAR/DRB
HYDROGEOLOGIC CARD

Physiographic Province: U
Drainage Basin: 1:3:3
Section: 30
Subbasin: 24

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:
System: 
Series: 
Aquifer, formation, group:
Lithology:
Length of well open to: ft
Origin: 
Depth to top of: ft
Thickness: ft

MINOR AQUIFER:
System: 
Series: 
Aquifer, formation, group:
Lithology:
Length of well open to: ft
Origin: 
Depth to top of: ft
Thickness: ft

Intervals Screened:
Depth to consolidated rock: ft
Depth to basement: ft
Source of data:

Surficial material:
Infiltration characteristics:
Coefficient:
Trans: 30,000 gpd/ft
Coefficient:
Perm: 600 gpd/ft²; Spec cap: 7.0 gpm/ft;

0 - 10 Top 2011
10 - 131 Sd + Gy
131 - 165 Blue Shale
165 - 215 Sd

097-203
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  (601) 892-3738
(City)  (State and Zip)  (Telephone Number)

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

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

NW 1/4 of the NE 1/4 of Section 15, Township IN, Range 2W, County Copiah

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" 
thereof shown in "a", "b", or "c"):

(a) __________________________________ acre-feet per year at a maximum rate of ______________________ gallons per minute

(b) __________________________________ million gallons per day at a maximum rate of ______________________ gallons per minute

(c) __________________________________ acre-feet of storage at normal pool

(d) __________________________________ per ______________________ at a maximum rate of ______________________

Construction of diversion/withdrawal works will begin on (date) ____________ and will be completed by (date) ____________.

Water will be used from (month) ____________ to (month) ____________ 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.

SECTION A (to be completed if application is for surface water source)

1. Source of water is from __________________________ which drains into __________________________ which drains into __________________________ which drains into __________________________

2. 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

2. Description of proposed water well:
   (a) DEPTH OF WELL: 250 feet. DRILLER (name):
   (b) SURFACE CASING: Length: _____ feet. Diameter: 8 inches. Type:
   (c) SCREEN: Length: _____ feet. Diameter: 6 inches. Type:
   (d) INLET TYPE: Size: _____ Setting depth: _____ feet.
   (e) POWER UNIT: Type: _____ Size: _____ horsepower.
   (f) TYPE OF COMPLETION:

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.

<table>
<thead>
<tr>
<th>TOWN</th>
<th>RANGE</th>
<th>SECTION</th>
<th>NE1/4</th>
<th>NW1/4</th>
<th>SW1/4</th>
<th>SE1/4</th>
<th>TOTALS</th>
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1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice _____; 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? 142,000 (Volume, Year); 1990 (Volume, Year); 156,000 (Volume, Year); 1995 (Volume, Year); 172,000 (Volume, Year); 2000 (Volume, Year); 189,000 (Volume, Year); 2005 (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, KS 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
(Signature)

Subscribed and sworn to before me this 4th day of October 1990, at Jackson, MO.

County of

My commission expires MY COMMISSION EXPIRES

Notary Public

Ouida H. McCarli
MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 9/27, 1965, Driller: Dean Green, County: Copiah

(1) Owner of Land: Hallman Water Assoc., Inc. (Name)
   Well #1 (Address)

(2) Location: ¼, 13¼, Sec. 1, T. R.
   miles of (direction) (Nearest Town)

(3) Topography: (Hilly) (Flat) (Level)

(4) Purpose of Well: (Domestic) Irrigation
   Municipal) (Industrial) Other)

Information upon completion of well:

(1) Diameter: inches.

(2) Total Depth: feet.

(3) Water Level: __ feet below top of ground.

(4) Cased to: ____, Size: ____

(5) Screen: Size: ____, Length: ____

(6) Were any formations sealed against pollution?
   _______yes, ______no.

If YES depth of formation: ________________

Why: ________________________________

Drillers Remarks: ________________________________

Yield in gpm: ________________________________

Size pump: ________________________________

Type power: ________________________________

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<thead>
<tr>
<th>Description &amp; Color of Materials</th>
<th>Thickness Feet</th>
<th>Depth Feet</th>
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</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>10/10</td>
<td></td>
</tr>
<tr>
<td>Sand + Gravel</td>
<td>12/13</td>
<td></td>
</tr>
<tr>
<td>Blue Shale</td>
<td>34/65</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>50/25</td>
<td></td>
</tr>
</tbody>
</table>

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): BAR/DRS

DATE: 6/14/94

UNIT DEQ #: 82859

FILE #: A061714A

HEALTH DEPT. #: 150024-01

ELEV.: 463

USGS #: J-29

OLWR #: 13037

OWNER: Cullman WA

LOCATION: NW1/4 NW1/4 S15 T16N R2W

COUNTY: Copiah

LOCATION DESCRIPTION: 25' North of E. Cullman Rd. (Henry Wa. Pant.)

25' East of Hwy 51 Reading on West side of Pump House

CASING DIA: 8"
PUMP TYPE & SIZE: Turbine 40 HP

GPS FIELD LOCATION: LAT. 31.5557

LONG. 90.2316

GPS CORRECTED LOCATION: LAT. 31.5556408

LONG. 90.2319.371

REMARKS:

_____________________________

_____________________________

Hallman: AQD
Map center is 31° 55' 56"N, 90° 23' 19"W (WGS84/NAD83)

**Gallman** quadrangle - TopoZone Pro elevation display
Projection is UTM Zone 15 NAD83 Datum

M=0.736
G=1.382