WELL SCHEDULE
OFFICE OF LAND AND WATER RESOURCES

Fips 53
Well No. H-502
Log No.

Recorded by: LN Data Source: CB Date: 6-11-97

County: Humphreys Permit No.: GW13252 DOH No.: 

1/4 NW 1/4 NW 1/4 NW Sec.: 33 TWN: 14N RNG: 04W

Quad: Midnight Elevation: 101

Plotted on quad?: In field? From drillers log? From permit? 

Latitude: Longitude: GPS? From quad? 

Primary Aquifer: MRVA Secondary Aquifer: 

Use: IR Well status: 

Owner: Prudential Insurance Co.

Address:

Telephone: Local Well Name:

Date drilled: Driller: 

Well depth: Well diameter: Pump type: 

Power type: Pump capacity: 

Screen interval (msl): (land surface): 

Type of logs: Log interval: 

Initial water level (ls): Date: 

Measuring point description:
<table>
<thead>
<tr>
<th>Data Type</th>
<th>Source</th>
<th>Reliability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Quality</td>
<td></td>
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<tr>
<td>Water Level</td>
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<tr>
<td>Pump Test</td>
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<tr>
<td>Water Use</td>
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</tbody>
</table>

Water level data

This area for location map and notes
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR A PUBLIC WATER 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 Supply Industrial Commercial Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Flood Protection Other:

LANDOWNER:

The Prudential Insurance Company of America

22-1211670

(S/S or Tax ID No.)

c/o C.A.P.S., P.O. Box 4699

Greenville, MS 38704-4699

(601) 334-4627

(Telephone Number)

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

Capital Agricultural Property Services, Inc.

(See Above)

(S/S or Tax ID No.)

(Address)

(City) (State and Zip)

( ) -

(Telephone Number)

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

NW 1/4 of the NE 1/4 of Section 3, Township 14 N, Range 4 W, County Humphreys

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

(a) 240 acre-feet per year at a maximum rate of 2500 gallons per minute

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

(c) per at a maximum rate of

(d) acre feet of storage at normal pool

Construction of proposed work will begin on (date) January 1, 1991 and will be completed by (date) April 1, 1991. Water will be used from (month) May to (month) September 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

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 Mississippi River aquifer.

2. Description of proposed water well:
   (a) DEPTH OF WELL: 115 feet. DRILLER (name): Powell Irrigation, Clarkdale, MS.
   (b) SURFACE CASING: Length: 75 feet. Diameter: 16 inches. Type: Steel.
   (c) SCREEN: Length: 40 feet. Diameter: 16 inches. Type: Steel.
   (d) PUMP: Type: Turbine. Size: 1/2". Capacity: 2500 gallons per minute.
   Number of stages: 2. Setting depth: 50 feet.
   (e) POWER UNIT: Type: 0.5 hp. Size: 50 hp.
   (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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<td>33</td>
<td></td>
<td></td>
<td></td>
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<td>40</td>
</tr>
</tbody>
</table>

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? (Volume) __________ (Year) __________ (Volume) __________ (Year) __________ (Volume) __________ (Year) __________ (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. __________

   How will water 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:

Scott Mason - C.A.P.S.

(Phone)

Subscribed and sworn to before me this __________ day of __________ at __________.

County of __________, My commission expires __________, Notary Public

The accompanying map is hereby declared a part of this application. The TEN DOLLAR ($10.00) permit fee is enclosed herewith.