## WELL SCHEDULE

**U.S. DEPT. OF THE INTERIOR**  
**GEOLOGICAL SURVEY**  
**FURBUSH AND VERIFIED**  
**ROLLA COMPUTATION BRANCH**

### MASTER CARD

<table>
<thead>
<tr>
<th>Record by</th>
<th>Source of data</th>
<th>Date</th>
<th>Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>County (or town)</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Sequential number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>31° 8' 43&quot; N</td>
<td>127° 7' 41&quot; W</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Let-long accuracy</th>
<th>Local well number</th>
<th>Other number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>644</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local use</th>
<th>Owner or name</th>
<th>Address</th>
<th>Ownership</th>
<th>Use of</th>
<th>Use of Stockwell</th>
</tr>
</thead>
</table>

### WELL-DESCRIPTION CARD

<table>
<thead>
<tr>
<th>SAME AS ON MASTER CARD</th>
<th>Depth well</th>
<th>Meas.</th>
<th>ft</th>
<th>14.00</th>
<th>10</th>
<th>rep</th>
<th>accuracy</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hook casing</th>
<th>(ft)</th>
<th>casing type</th>
<th>Diam.</th>
<th>in</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
<th>Method</th>
<th>Drilled</th>
<th>Date</th>
<th>Pump intake setting</th>
<th>ft</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.50</td>
<td></td>
<td>35</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Life</th>
<th>Power</th>
<th>above</th>
<th>Deep</th>
<th>Shallow</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>FT 100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Descrip. HP</th>
<th>Alt. LSD</th>
<th>Accuracy</th>
<th>Water Level</th>
<th>Date</th>
<th>Drawdown</th>
<th>QUALITY OF WATER DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>296.75</td>
<td>2.70</td>
<td>167.75</td>
<td>1/24</td>
<td></td>
<td>Iron = 3 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Taste, color, etc.</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

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**Well No.**

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**HYDROGEOLOGIC CARD**

**Physiographic Province:**

- Drainage Basin:
- Subbasin:

**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:
- Depth to top of:
- Aquifer Thickness:
- Origin:

**MINOR AQUIFER:**
- system
- series
- aquifer, formation, group

**Lithology:**
- Length of well open to:
- Depth to top of:
- Aquifer Thickness:
- Origin:

**Intervals Screened:**
- Depth to consolidated rock:
- Depth to basement:
- Surficial material:

**Coefficient:**
- Tran:
- Coefficient
- Storage:

**Perm:**
- Spec cap:
- Number of geologic cards:

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**GPO 857-700**
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) 965-7202

This box is for office use only.


Lat. 31°11' 31"  Long. 89°11' 22"
Elev. 291  STAC.
ICG: 6C  ASCS Farm No.
AQUIF: MSCH  Tract No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT
RENEWAL PERMIT NO. MS-GW-00228

THIS APPLICATION IS FOR (Circle one): GROUNDWATER  COMPLETE A,B,E
SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 0 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: State of Mississippi-Mississippi Military Department
(Name)  (SSN or Tax ID No.)

NGMS-FMO, P. O. Box 5027
(Address)

Jackson, MS 39296-5027  (601) 973-6238
(City)  (State & Zip)  (Telephone No.)

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

Camp Shelby Training Site
(Name)  (SSN or Tax ID No.)

CSTS-DFW, Building 6600
(Address)

Camp Shelby, MS 39407-5500  (601) 558-2690
(City)  (State & Zip)  (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):
NE 1/4 of the SW 1/4 of Section 57  Township 03N  Range 12W  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:

SECTION B  (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene

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

   If well has already been drilled, when was well completed (date)?  __________, 19__

   Under whose name was well originally drilled (if known)? Annual Training Site, Camp Shelby

3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 400 feet  DRILLER: Layne Central Company, Jackson, MS.
   (b) SURFACE CASING: Length 20 feet  Diameter 10 inches; Type Cast Iron
   (c) SCREEN Length 20 feet; Diameter 8 inches; Type Unknown
   (d) PUMP: Type Turbine  Size 8 in ; Capacity 1,000 gallons per minute; Setting depth 260 feet
   (e) POWER UNIT: Type Electric Motor  Size 150 horsepower

4. PERMITTED VOLUME:
   (a) 1,159 million gallons per year at a maximum rate of __________ gallons per minute
   (b) 1.3 million gallons per day at a maximum rate of __________ gallons per minute

(CONTINUED ON BACK)
SECTION C (to be completed for SURFACE WATER SOURCE)
1. Source of water is from ____________________ which drains into ____________________.
   (major stream or river)
2. Description of pumps/diversion works:
   Pump (size & type): ____________________ Power Unit (size & type): ____________________
   Lift: ____________________ feet Maximum capacity: ____________________ gallons per minute
   _______ acre-feet per year at a maximum rate of ____________________

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. IRIGATION: List the number of acres of each crop to be irrigated: Rice: __________; Cotton: __________; Oats: __________;
   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 1,000-10,000 or (b) The number of connections 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 (20) years? ____________________ (Volume) ____________________ (Year)
   ____________________ (Volume) ____________________ (Year)
   ____________________ (Volume) ____________________ (Year)
   ____________________ (Volume) ____________________ (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.

MAJ (P) E. L. Harrington, Jr.
(Name)

CSTS-DPW BLDG 6600
(Address)

Camp Shelby, MS 39407-5500
(City, State, Zip)

(601) 559-2690
(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 4th day of October, 1995, at Camp Shelby, county of Forrest.


Notary Public.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Horbyenk

USER NAME(S): SH Bishop & CA Horbyenk

DATE: 6/6/96

UNIT DEQ #: 82859 / 82859

FILE #: A664419B

HEALTH DEPT. #: 180002-04 ELEV. 270

USGS #: 209 G4 OLWR #: 228

OWNER: Camp Shelby

LOCATION: NE/NE/5W S 27 T 3N R 12W COUNTY: Forrest

LOCATION DESCRIPTION: On Forrest Ave & 37th St. Intersection

(CN 8143 # 3681) (East of Blvd # 3601)

CASING DIA: 2" PUMP TYPE & SIZE: 15hp + With Back-up

GPS FIELD LOCATION: LAT. 31°11.310 LONG. 89°11.343

GPS CORRECTED LOCATION: LAT. 31.19221492 LONG. 89.18943631

REMARKS: GPS located at well