WELL SCHEDULE

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTERCARD

Record by: W.R. Source of data: Obs. Date: 9-27-71
State: Miss. County: Covington
Latitude: 34° 14' 35'' N Longitude: 89° 13' 39'' W
Local well number: 184059.4471.10
Owner or name: Mt. Olive Address:

Data available: Well data: Field aquifer char: M
Hyd. lab. data:
Qual. water data:
Freq. sampling:
Aperture cards:

Log data:

WELL DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1347
Depth cased: 391
Casing:
Finish: porous gravel v. gravel v. holds; open perf., screen, ad. pt., aband. perf., other:
Method: air burred, cable, dug, hyd. jetted, air reverse trenching, driven, drive, rot., percussion, rotary, wash, other:
Date Drilled: 11-71
Driller: Griner, D.L. Sery Columbia, Miss.

Lift type: air, bucket, cent, jet, (cent.) pump intake setting:深 35
Power type: diesel, elec, gas, gasoline, hand, gas, wtd?: HRT:

Water table:

Descriptive: 1250 ft
Alc. L.E.S.:

Drawdown:

QUALITY OF WATER DATA:
Iron:
Sulfate:
Chloride:
Hardness:
Sp. Conduct:
Temp.:
Date samples:

Value 40 V
Trans. or meter no.

V

Accuracy (source):

Accuracy:

Accuracy:

Accuracy:

Accuracy:

Accuracy:

Accuracy:

Accuracy:

Accuracy:

Accuracy:
### HYDROGEOLOGIC CARD

<table>
<thead>
<tr>
<th>Province:</th>
<th>Subbasin:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3</td>
<td>13N</td>
</tr>
</tbody>
</table>

#### Physiographic Province
- D: Drainage Basin
- 3: Section

#### Top of well site
- Depression, stream channel, dunes, flat, hilltop, sink, swamp
- Offshore, pediment, hillside, terrace, undulating, valley flat

#### Major Aquifer
- System: Tm
- Series: US
- Aquifer, formation, group: CA
- Lithology:
- Origin: 3
- Aquifer Thickness: 45 ft
- Length of well open to: 14.5 ft
- Depth to top of: 3.5 ft

#### Minor Aquifer
- System: 
- Origin: 
- Aquifer Thickness: ft
- Length of well open to: 
- Depth to top of:  

#### Intervals Screened
- 341' - 391' 8" 0.30

#### Depth to consolidated rock
- Source of data:
- Depth to basement:
- Source of data:

#### Surficial material characteristics
- Infiltration:
- Storage:

#### Coefficient
- Trans: 
- Coefficient:
- Storage:

#### Perm: 380 gpd/ft²; Spec cap: 10 gpm/ft; Number of geologic cards:
MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

<table>
<thead>
<tr>
<th>Date well completed</th>
<th>Firm name</th>
<th>County well located</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 1971</td>
<td>Griner Drilling Service</td>
<td>Covington</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Landowner: Town of</th>
<th>Mt. Olive</th>
<th>Miss</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mt. Olive, Miss</td>
<td>(mailing address)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Location:</th>
<th>T 90  R 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>sec</td>
<td>S 0</td>
</tr>
<tr>
<td>0 miles</td>
<td>N Mt. Olive</td>
</tr>
<tr>
<td>(distance)</td>
<td>(direction)</td>
</tr>
<tr>
<td>0</td>
<td>(nearest town)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Purpose:</th>
<th>Municipal</th>
</tr>
</thead>
<tbody>
<tr>
<td>(home, irrigation, municipal, industrial)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Completion Data:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) diameter (inches)</td>
<td>12 X 8</td>
</tr>
<tr>
<td>(2) total depth (feet)</td>
<td>391</td>
</tr>
<tr>
<td>(3) static water level (feet)</td>
<td>64 below top of ground</td>
</tr>
<tr>
<td>(4) casing (material)</td>
<td>Steel, 335</td>
</tr>
<tr>
<td>(size)</td>
<td>12</td>
</tr>
<tr>
<td>(depth)</td>
<td>If telescope see back</td>
</tr>
<tr>
<td>(5) screen (length)</td>
<td>44' 347</td>
</tr>
<tr>
<td>(size)</td>
<td>8</td>
</tr>
<tr>
<td>(depth to top)</td>
<td>304.5 S.S.</td>
</tr>
<tr>
<td>(6) pump (HP)</td>
<td>Electric, 40</td>
</tr>
<tr>
<td>(material)</td>
<td>(yield gpm)</td>
</tr>
<tr>
<td>(type power)</td>
<td>YES</td>
</tr>
<tr>
<td>(yes or no)</td>
<td>YES</td>
</tr>
<tr>
<td>(7) electric log (organization running log)</td>
<td>YES</td>
</tr>
<tr>
<td>(8) how well bottom plugged</td>
<td>WASHED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drillers Remarks:</th>
<th></th>
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APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
FOR BENEFICIAL USE OF 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

<table>
<thead>
<tr>
<th>Issued:</th>
<th>5-8-90</th>
<th>Permit No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lat.</td>
<td>31°45'57&quot;</td>
<td></td>
</tr>
<tr>
<td>Long.</td>
<td>89°39'09&quot;</td>
<td></td>
</tr>
<tr>
<td>Elev.</td>
<td>330</td>
<td></td>
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<tr>
<td>USGS No.</td>
<td>B207</td>
<td></td>
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<tr>
<td>ASCS Farm No.</td>
<td></td>
<td></td>
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<tr>
<td>STAC.</td>
<td>000</td>
<td></td>
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<tr>
<td>MDGS</td>
<td></td>
<td></td>
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<tr>
<td>Tract No.</td>
<td></td>
<td></td>
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<tr>
<td>Basin No.</td>
<td></td>
<td></td>
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<tr>
<td>Dam Inv. No.</td>
<td></td>
<td></td>
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</table>

THIS APPLICATION IS FOR (Circle one): NEW PERMIT

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 (e.g., Church, School)
7) Commercial (e.g., Hotel, Casino, Restaurant)
8) Fire Protection
9) Livestock
10) Flood Protection
11) Other:

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Town of MT olive

Post office Drawer J P.O. Box 510

mt.oil

City of mt.oil State & Zip

Telephone No.

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

(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):

NW 1/4 of the SE 1/4 of Section 07, Township 09N, Range 16W, Coesington 031

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: 

2. Proposed work will begin on and will be completed by .

If well has already been drilled, when was well completed? . Under whose name was well originally drilled (if known)?

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 391 feet. DRILLER: Griner Drilling Service

(b) SURFACE CASING: Length 335 feet; Diameter 12 inches; Type Steel

(c) SCREEN: Length 44 feet; Diameter 8 inches; Type 304 SS

(d) PUMP: Type Electric; Size 10 HP; Capacity 662 gallons per minute; Setting depth 1860 feet

(e) POWER UNIT: Type Electric; Size horsepower

4. PERMITTED VOLUME:

(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

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 pump/diversion works:
   Pump (size & type): ____________________ Power Unit (size & type): ____________________
   Lift: ____________________ feet Maximum capacity: ____________________ gallons per minute
   acr-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: ____________________ acr-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 _______; 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 _______; (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.
   ____________________ ____________________
   (Name) (Signature)

   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.

   ____________________
   (Address)

   ____________________
   (City, State, Zip)

   ____________________
   (Telephone)

   Subscribed and sworn to before me this 6th day of December, 1999, at __________ County of __________
   ____________________ ____________________
   Linda T., Notary Public.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Horneak  DATE: 7/18/96

UNIT DEQ #: 824859  FILE #: B071816A

HEALTH DEPT. #: 160003-02  ELEV. 330

USGS #: B-20  OLWR #: MS-GW-12503

OWNER: Town of Mt. Olive  QUAD: Magee South

LOCATION: NUNW-SW S 7 T 9 N R 16 W  COUNTY: Covington

LOCATION DESCRIPTION: In Fence NE of intersection of Main St. and Sixth St. 1/10 mi. NW of Elev Tank. (Mt. Olive)

CASING DIA: 12"  PUMP TYPE & SIZE: Elec. 40 HP

GPS FIELD LOCATION: LAT. 31° 45' 38.2"LONG. 89° 39' 11.6"

GPS CORRECTED LOCATION: LAT. 31.76168446  LONG. 89.65353296

REMARKS: GPS at well.

This lat/long puts well in S12T9N R17W. Moved it in Topozone to be at water tower.