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

MASTER CARD
Record by: E. L. Terry
Source of data: USGS
Date: 08/23/66
Map: Bay Springs

State: Miss.
County: Jasper
Well number: 10079A2.4
Well use: Owner or name:

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

DATA AVAILABLE:
Well data: USGS Complete
Hyd. lab. data:
Qual. water data:
FREQ. sampling:

Aperture cards: Log data:

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD
Depth well: 1008 ft
Casing type: Steel
Finish: Concrete
Method: Drilled
Driller: L. B. Taylor
Lift: 8-15-66
Pump intake setting:

Power: Nat LP
Descript. HP:
Alt. LSD:
Water level:
Date:
Drawdown:
Quality of water:
Sp. Conduct:

Taste, color, etc.
HYDROGEOLOGIC CARD

Physiographic Province: 0-3
Drainage Basin: 20 21
Subbasin: 22

Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (D) (E) (F) (G) (H) (I)

MAJOR AQUIFER: Tertiary, Eocene, T.E. Sparta Sand 5.5

Lithology: 7.5
Length of well open to: 22 23
Depth to top of: 24 25
Aquifer Thickness: 26 27

MINOR AQUIFER: Tertiary, system series 44 45

Lithology: 
Length of well open to: 28 29
Depth to top of: 30 31
Aquifer Thickness: 32 33

Intervals Screened:
Depth to consolidated rock: 34 35
Depth to basement: 36 37
Surficial material: 38 39

Source of data: 40 41
Source of data: 42 43
Infiltration characteristics: 44 45

Coefficient: 54,000 gpd/ft 5.4 5.3
Coefficient Storage: 46 47

Trans: 48 49
Coefficients: 57.0 gpd/ft^2 Spec cap: 20.5 gpm/ft

Number of geologic cards: 50 51

8" column 250' to 4 JOH BOWLS
12" BOWLS 5 stage
8" Tail Bottom 27' 8"

SOL 175
917' of 12'
65' of 8'
80' of 8' NO JOH BOWLS

GPO 857-700
MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 9-15--1966, Driller: Layne-Central Co. County: Jasper

<table>
<thead>
<tr>
<th>Description &amp; Color of Materials</th>
<th>Thickness Feet</th>
<th>Depth Feet</th>
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<tbody>
<tr>
<td>soil</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>sandy clay</td>
<td>6</td>
<td>8</td>
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<tr>
<td>clay</td>
<td>17</td>
<td>25</td>
</tr>
<tr>
<td>soft sandy yellow clay</td>
<td>27</td>
<td>52</td>
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<tr>
<td>black clay</td>
<td>23</td>
<td>75</td>
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<tr>
<td>rock</td>
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<td>76</td>
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<tr>
<td>clay stks of hard lime</td>
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<td>89</td>
</tr>
<tr>
<td>black sand</td>
<td>32</td>
<td>121</td>
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<tr>
<td>clay</td>
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<td>162</td>
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<tr>
<td>sandy clay</td>
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<tr>
<td>clay (Yazoo)</td>
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<td>524</td>
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<tr>
<td>rock</td>
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<tr>
<td>sandy shale-stks brittle lime</td>
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<td>589</td>
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<tr>
<td>fine sand</td>
<td>69</td>
<td>658</td>
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<td>sand &amp; shale</td>
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<td>684</td>
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<td>shale-rock breaks</td>
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<td>776</td>
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Information upon completion of well:

(1) Diameter: 12 inches.
(2) Total Depth: 1008 feet.
(3) Water Level: 175 feet below top of ground.
(4) Cased to: 917', Size: 12".
(5) Screen: Size: 8", Length: 80'.
(6) Were any formations sealed against pollution? X yes, no.

If YES depth of formation: 917'.

Why required: 

Drillers Remarks: 

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

GPS LOG

USER NAME(S): Horzbekl
DATE: 8/8/96

UNIT DEQ #: 82859
FILE #: 8080818A

HEALTH DEPT. #: 310002-01
ELEV.

USGS #: J7
OLWR #: 6W-3196

OWNER: Town of Bay Springs
QUAD: Bay Springs

LOCATION: NE-SE S 29 T 2N R 10E
COUNTY: Jasper

LOCATION DESCRIPTION: On south side of Edmond King Rd. 10 mi.
West of Hwy 15 N (Bay Springs) (SW of Elev. Tank)

CASING DIA: 16"
PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 59' 00.5"
LONG. 89° 17' 24.8"

GPS CORRECTED LOCATION: LAT. 31.98344234
LONG. 89.29007447

REMARKS: GPS at well.