Agency Code: USGS

Site Id: 3305410129

Project No.: 54

Station Name: SILVER CITY

Location Map: DILLIER CAVITY

Date Invented: 7/11/11

Station Type: 41

Data Type: 804

Date of Construction: 9/26/19

Well Use: Primary Aquifer

Well Depth: 1066

Well Level: 1066

Well Date: 7/14/71

Method: 24

Status: 344

Source: 33

CONSTRUCTION DATA

Construction Date: 7/23/71

Contractor: NAME LATHE

Method Finish: 65/1 66/14

CONSTRUCTION CASING DATA

Top/Casing: 7/25/71

Bot/Casing: 7/14/71

Diameter: 996

Diameter: 12"

MSGW 15423

CONSTRUCTION OPENINGS DATA

Top/Depth: 7/25/71

Bot/Depth: 7/25/71

Diameter: 996

Diameter: 6"

CONSTRUCTION LIFT DATA

Lift Type: 43

Date: 9/9/91

Power: 49/1

Serial No.

MICROLOGICAL OWNER DATA

Date of Ownership: 7/10/91

Owner Name: SILVER CITY

MICROLOGICAL OTHER ID DATA

E-Log No.: 190083

Assigner:
### MISCELLANEOUS GW DATA

<table>
<thead>
<tr>
<th>Date of Measurement</th>
<th>Aquifer Sampled</th>
<th>Temp</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>R=192, T=A, 738#1</td>
<td>1934</td>
<td>1952</td>
<td>196400010</td>
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<tr>
<td>R=192, T=A, 738#2</td>
<td></td>
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<td>1974</td>
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<tr>
<td>R=192, T=A, 738#3</td>
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<td>1974</td>
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### MISCELLANEOUS LOGS DATA

<table>
<thead>
<tr>
<th>Log Type</th>
<th>Sec. Depth</th>
<th>End Depth</th>
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<tbody>
<tr>
<td>R=198, T=A, 739#1</td>
<td>1994</td>
<td>2001</td>
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<td>R=198, T=A, 739#1</td>
<td>1999</td>
<td>2004</td>
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### MISCELLANEOUS NETWORK DATA

<table>
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<tr>
<th>Agency Source</th>
<th>Freq</th>
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<tbody>
<tr>
<td>R=114, T=A, 730#1</td>
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<tr>
<td>R=114, T=A, 730#1</td>
<td>1164</td>
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<tr>
<td>R=124, T=A, 730#2</td>
<td>1174</td>
</tr>
<tr>
<td>R=124, T=A, 730#2</td>
<td>1184</td>
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### MISCELLANEOUS REMARKS DATA

<table>
<thead>
<tr>
<th>Date of Remarks</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>R=193, T=A, 311#1</td>
<td>1844</td>
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### DISCHARGE DATA

<table>
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<tr>
<th>Type</th>
<th>Discharge</th>
<th>Sol. Capacity</th>
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<tbody>
<tr>
<td>Pump/Flow</td>
<td>147#1</td>
<td>148</td>
</tr>
<tr>
<td>R=146, T=A</td>
<td>701#1</td>
<td>70</td>
</tr>
<tr>
<td>R=146, T=A</td>
<td>272#1</td>
<td>27</td>
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<tr>
<td>R=146, T=A</td>
<td>155</td>
<td>15</td>
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<tr>
<td>R=146, T=A</td>
<td>154</td>
<td>14</td>
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</table>

### GEOHYDROLOGIC DATA

<table>
<thead>
<tr>
<th>Depth Top</th>
<th>Depth Bot.</th>
<th>Unit Id</th>
<th>914</th>
<th>1955</th>
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<tbody>
<tr>
<td>924</td>
<td>1015</td>
<td>934</td>
<td>124</td>
<td>395</td>
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### HYDRAULIC DATA

<table>
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<tr>
<th>Unit Tested</th>
<th>1004</th>
<th>1034</th>
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</table>

### DEXTER LOG FOR

See Dexter Log for

F158

Clay & sandy shale 1056 1071
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources
P. O. Box 10631
Jackson, MS 39289-0631

Layne Central, a division of Layne Christensen Company
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
TOWN OF SILVER CITY
P. O. BOX 65
SILVER CITY, MS 39166

WELL DATA
Well Depth: 1054'
Casing Diameter (In.): 12'
Casing Length (Ft.): 996'
Type of Casing: STEEL
Hole Depth: 1066'
Depth to Static Water Level: 36'

TYPE OF COMPLETION (Circle One or More):
Gravel Pack
Well Drilled
Underreamed
Telescoped
Natural Development
Open Hole
Other

WELL GROUTED TO A DEPTH OF 996 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA
Diameter - Inches: 6
Length - Feet: 50
Slot Size - Inches: .025
Depth to Bottom - Feet: 1054'
Screen Type: STAINLESS STEEL

PUMP DATA
Pump Type (Circle One): Submersible
Power Type (Circle One): Electric, Tractor, Diesel, Gasoline, Butane
Other (Describe): H/P 30

Pump Capacity (GPM): 300
No. of Stages: 5
Setting Depth: 100 FT.

PUMP TEST
Well yielded NOT TESTED GPM with a drawdown of __________ ft.
after __________ hours of pumping

LOG DATA
Type of Log Run: (Circle One): No Log Run, Electric, Gamma Ray
Other (Describe): Density, Sonic, Neutron

Name of Organization Running Log
LAYNE GEOSCIENCES, INC.

Driller's Remarks: JAN 04 1999

DESCRIPTION OF FORMATIONS ENCOUNTERED

<table>
<thead>
<tr>
<th>From</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>28</td>
</tr>
<tr>
<td>28</td>
<td>42</td>
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<tr>
<td>42</td>
<td>69</td>
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<tr>
<td>69</td>
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<tr>
<td>608</td>
<td>800</td>
</tr>
<tr>
<td>800</td>
<td>825</td>
</tr>
</tbody>
</table>

Descripion of Formations (Continued): Sandy shale & lignite

Top of Formations: FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

Continued...
If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION
Please indicate well location X.

<table>
<thead>
<tr>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Clay</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Clay</td>
</tr>
</tbody>
</table>

If more than one screen, show location of each on sketch.

RECEIVED

Date of receipt: [Date]
Office of Land & Water Resources
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-15423

County: HUMPHREYS
Aquifer: SPRT
Owner: SILVER CITY, TOWN OF
USGS No: F0158
BOH No: 0270007-03

Location: SE 1/4 of the SW 1/4 of SEC 34
TWN 15N RNG 03W
Lat: 330548 Long: 902950

Quad: SILVER CITY
District: N/A

Date Issued: 27-JUL-99
Date Renewed: 
Date Expired: 27-JUL-09

Applicant: SILVER CITY, TOWN OF
Address 1: P. O. BOX 65
Address 2: N/A
Address 3: N/A
City: SILVER CITY
State: MS Zip: 39166
Driller: LAYNE-CENTRAL

Owner: SILVER CITY, TOWN OF
Address 1: P. O. BOX 65
Address 2: N/A
Address 3: N/A
City: SILVER CITY
State: MS Zip: 39166

Maximum Rate: 300
Amount Withdrawn Acre feet: 33.6096
Amount Withdrawn Mgd: .03

Use
MUNICIPAL

Casing
Type: STEEL
Diameter: 12
Length: 996

Screen
Type: STAINLESS STEEL
Diameter: 6
Length: 50
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S) : RLB DC DATE : nov 6-2001

UNIT DEQ #: ___________________________ FILE #: ___________________________

HEALTH DEPT. #: 270007-03 ELEVATION :

USGS #: f158 OLWR #: ms-gw-15425

OWNER : SILVER CITY QUAD : SILVER CIITY

LOCATION : SE SW HUMPHREYS

S 34 T 15N R 3W COUNTY Humphreys

LOCATION DESCRIPTION: EAST WELL, @ WATER TANK

CASING DIA : 12 PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT . 33.09664 LONG. 90.49711

GPS CORRECTED LOCATION : LAT . 33 05 48 . LONG. 90 29 50

REMARKS :