

Harrison
N199
1-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

N199

WATER WELL DRILLERS LOG

Date: Jan 20, 1966, Driller: Robert E. Ratliff County Harrison
(Name)

(1) Owner of Land: U.S. Geological Survey
Jackson, Miss.
(Address)

(2) Location: 1/4, 1/4, Sec. T R
No. end of Market St. - Pass Christian Miss.
miles of (Nearest Town)

(3) Topography: Flat
(Hilly) (Flat) (Level)

(4) Purpose of Well: test hole
(Domestic Irrigation Municipal, Industrial, Other)

Information upon completion of well:

(1) Diameter 9 7/8 inches.

(2) Total Depth 2751 feet.

(3) Water Level _____ feet below top of ground.

(4) Cased to _____, Size _____

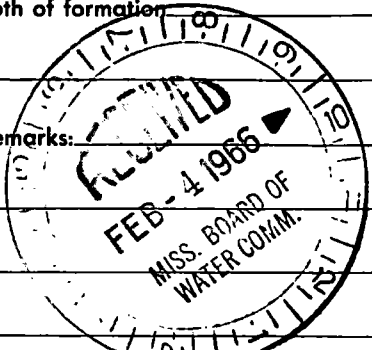
(5) Screen: Size _____, Length _____

(6) Were any formations sealed against pollution?
_____ yes, _____ no.

If YES depth of formation _____

Why _____

Drillers Remarks: _____



Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Blue + Tan Clay</u>	<u>35</u>	<u>0-35</u>
<u>Sand</u>	<u>37</u>	<u>35-92</u>
<u>Blue + Gray Clay w/o sand</u>	<u>547</u>	<u>92-639</u>
<u>Blue Clay + Sandy Clay, shale + Sand</u>	<u>62</u>	<u>639-701</u>
<u>Blue Clay</u>	<u>70</u>	<u>701-765</u>
<u>Sand streaks</u>	<u>2</u>	<u>765-837</u>
<u>Blue Clay</u>	<u>18</u>	<u>837-855</u>
<u>Sand + Gravel</u>	<u>25</u>	<u>855-880</u>
<u>Blue Clay</u>	<u>30</u>	<u>880-910</u>
<u>Sand</u>	<u>13</u>	<u>910-923</u>
<u>Clay - Sand streaks</u>	<u>97</u>	<u>923-1020</u>
<u>Sand</u>	<u>53</u>	<u>1020-1073</u>
<u>Clay + Sand streaks</u>	<u>122</u>	<u>1073-1195</u>
<u>Clay</u>	<u>13</u>	<u>1195-1208</u>
<u>Sand streaks</u>	<u>8</u>	<u>1208-1216</u>
<u>Clay with hard streaks</u>	<u>101</u>	<u>1216-1317</u>
<u>Clay with hard streaks</u>	<u>78</u>	<u>1317-1395</u>
<u>Sandy clay</u>	<u>15</u>	<u>1395-1410</u>
<u>Clay w/ few sand streaks</u>	<u>100</u>	<u>1410-1510</u>
<u>Sand</u>	<u>15</u>	<u>1510-1525</u>
<u>Sandy clay</u>	<u>37</u>	<u>1525-1562</u>
<u>Sandy clay</u>	<u>29</u>	<u>1562-1591</u>
<u>Sandy clay, mostly sand</u>	<u>31</u>	<u>1591-1622</u>
<u>Sandy clay, harder drilling</u>	<u>30</u>	<u>1622-1652</u>
<u>Sandy clay, harder drilling</u>	<u>31</u>	<u>1652-1683</u>
<u>Fine sand w/ clay streaks</u>	<u>61</u>	<u>1683-1744</u>
<u>Sand w/ clay streaks</u>	<u>183</u>	<u>1744-1927</u>
<u>Sand w/ clay streaks</u>	<u>92</u>	<u>1927-2019</u>
<u>Clay w/ sand streaks</u>	<u>61</u>	<u>2019-2080</u>
<u>Clay w/ hard streaks - little sand</u>	<u>20</u>	<u>2080-2100</u>
<u>Gravel + Sand</u>	<u>20</u>	<u>2100-2120</u>

(Use Back Side)

Well No.

Description	Thickness feet	Depth feet
Clay w/ sand streaks	52	2120-2172
Clay w/ sand streaks	38	2172-2210
Clay w/ sand streaks	83	2210-2293
Hard clay; no sand	31	2293-2324
Hard brittle sandy clay	30	2324-2354
Gummy clay, cut slow	60	2354-2414
Gummy clay mixed w/ hard brittle sandy clay	157	2414-2571
Hard Rock	1	2571-2572
Hard pack fine sand w/ clay streaks	24	2572-2596
Fine to medium gray sand	62	2596-2658
Fine to medium gray sand w/ rock streaks	30	2658-2688
Fine to medium gray sand w/ rock streaks	31	2688-2719
Hard rocks & gravel	32	2719-2751