

6/78 WTD

GW01916 0610012-02

Recorded by JP  
Date 6/27/80

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

*Pelalatchie*  
TRANSMITTED FOR ADP  
Well No. 6-42  
E-Log No. 503  
County Rankin

Site ID 3.2.2.0.3.2.0.8.9.5.8.0.2.0.1 R=0\* T=A\* 2=W\* Brandon Quad

Data reliab. 3=C\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=1.2.1\*

GEN. SITE DATA

Lat. Long. 9=3.2.2.0.3.2\* 10=0.8.9.5.8.0.2\* Well No. 12=13.0.4.2\*

Location 13=S.W.S.W's 2.3 T 0.6 N R 0.3 E\* Alt. 16=390\* 408

Hyd. Unit (OWDC) 20= \_\_\_\_\_\* Date 21=0.5.1.2.9.1.1.9.8.0\*

11/82  
372.90

Well use 23=W\* Water Use 24=P\* Hole depth 27=1.3.8.0\* Well depth 28=1.3.0.2\*

WL 30=2.7.7\*<sup>WA</sup> Date 31=1.0.1.0.1.1.1.9.8.0\* Source 33=D\*

Status 273= \_\_\_\_\_\* Project No. 5= \_\_\_\_\_\*

OWNER

R=158\* T=A\* Date 159#1.0.1.0.1.1.1.9.8.0\* Owner No. T.H. #1 for well

Owner 161#LANBFD&RD WTR ASSN\*

FIELD QW

R=192\* T=A\* Date 193#0.7.1.0.1.1.1.9.8.2\* Temp. 196#00010\* 197=3.0.0\*

R=192\* T=A\* Date 193#0.7.1.0.1.1.1.9.8.2\* Cond. 196#00095\* 197=3.1.0\*

R=192\* T=A\* Date 193#0.7.1.0.1.1.1.9.8.2\* pH 196#00400\* 197=8.3\*

CONSTR.

R=58\* T=A\* 59#1\* Date 60=1.0.1.0.1.1.1.9.8.0\* Remarks \_\_\_\_\_

Drlg. 63=184\* Name BRINER Method 65=H\* Finish 66=5\*

CASING

R=76\* T=A\* 59#1\* Top csgn. 77#0\* Bot. csgn. 78=1.2.5.2\* Diam. 79#1.0\*

R=76\* T=A\* 59#1\* Top csgn. 77# \_\_\_\_\_\* Bot. csgn. 78= \_\_\_\_\_\* Diam. 79# \_\_\_\_\_\*

OPENINGS

R=82\* T=A\* 59#1\* Top 83#1.2.6.2\* Bottom 84=1.3.0.2\*

Type 85=S\* Diam. 87=1.6\* Size 88=.0.1.6\*

SPRT

R=82\* T=A\* 59#1\* Top 83# \_\_\_\_\_\* Bottom 84= \_\_\_\_\_\*

Type 85= \_\_\_\_\_\* Diam. 87= \_\_\_\_\_\* Size 88= \_\_\_\_\_\*

YIELD

R=146\* T=A\* 147#1\* Q 150=3.0.0\* Q/S 272= \_\_\_\_\_\*

134 flows 146 pumped

R=42\* T= A \* Lift type 43# T\* Intake 44= \* Power type 45= E\*

Date 38= 10/01/1980\* H.P. 46= 50.\*

LIFT

R=198\* T= A \* Log 199# E\* Top 200= 3.25.\* Bot 201= 13.80.\*

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 13.80.\*

R=189\* T= A \* E Log No. 190# 50.3\* 191= M I S S D I S T \*

LOGS

R=114\* T= A \* Year 115# \* Type 120= \*

R=90\* T= A \* 256# 1 \* Top 91= 1.242.\* Bot 92= 1.356.\*

Unit ID 93= 124SPRTV\* Name of Unit

R=90\* T= A \* 256# 1 \* Top 91= \* Bot 92= \*

Unit ID 93= \* Name of Unit

AQUIFERS

R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*

R=105\* T= A \* 99# 1 \* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries

HYDRAULICS

R=121\* T= \* Yr Begin 122# \* Network 258= \*

Water Level Data Collection (1)

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	10
SAND	10	38
CLAY	38	43.6
SANDY CLAY	43.6	46.4
CLAY + ROCKS	46.4	63.6
SAND FINE	63.6	68.0
CLAY	68.0	73.0
SAND	73.0	76.0
SAND + CLAY STRATIFIED	76.0	87.4
CLAY + ROCKS	87.4	100.0
SAND + CLAY STRATIFIED	100.0	112.4
SAND	112.4	116.0
CLAY (SANDY) Hom	116.0	116.0
SAND	116.0	120.0
CLAY	120.0	124.0
SAND	124.0	130.0
CLAY	130.0	135.0

**RANKIN**  
**242**  
**10/80**  
**ELG # 503**

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

**CODED**

**WATER WELL DRILLERS LOG**

date well completed 19 **Oct 80** firm name **HARVEY DRILLING SER RANKIN** county well located

LANDOWNER: <b>LANGFORD</b>	description of formations encountered	from	to
WATER ASSOC. WELL NO. <b>2</b>			
(mailing address)	<b>TOP SOIL</b>	<b>0</b>	<b>3</b>
WELL LOCATION: <b>SW/4 SW/4 SW/4</b>	<b>CLAY</b>	<b>3</b>	<b>10</b>
sec. <b>23 T 6 N R 3 E</b>	<b>SAND</b>	<b>10</b>	<b>38</b>
(distance) miles (direction) of (nearest town)	<b>CLAY</b>	<b>38</b>	<b>436</b>
WELL PURPOSE: <b>RURAL W.A.</b>	<b>SANDY CLAY</b>	<b>436</b>	<b>467</b>
(home, irrigation, municipal, industrial)	<b>CLAY + ROCKS</b>	<b>467</b>	<b>636</b>
WELL COMPLETION DATA:	<b>SAND, FINE GRADED</b>	<b>636</b>	<b>680</b>
(1) diameter (inches) <b>10 3/4"</b>	<b>CLAY</b>	<b>680</b>	<b>730</b>
(2) total depth (feet) <b>1302</b>	<b>SAND</b>	<b>730</b>	<b>760</b>
(3) static water level (feet) <b>277.5</b> below top of ground	<b>SAND + CLAY STREAMS</b>	<b>760</b>	<b>814</b>
(4) casing <b>Steel 12.50'</b> (material) (depth)	<b>CLAY + ROCKS</b>	<b>814</b>	<b>1060</b>
<b>10 3/4</b> (size) if telescope see back.	<b>SAND + CLAY STREAMS</b>	<b>1060</b>	<b>1124</b>
(5) screen <b>40 1262'</b> (length) (depth to top)	<b>SAND</b>	<b>1124</b>	<b>1160</b>
<b>6 304 S.S. (.016)</b> (size) (material)	<b>CLAY (SANDY) LIGNITE</b>	<b>1160</b>	<b>1166</b>
(6) pump <b>50 300 GPM</b> (HP) (yield gpm)	<b>SAND</b>	<b>1166</b>	<b>1200</b>
<b>Elect.</b> (type power)	<b>CLAY</b>	<b>1200</b>	<b>1240</b>
(7) electric log <b>Yes</b> (yes or no)	<b>SAND</b>	<b>1240</b>	<b>1360</b>
<b>MISS. GEOL. SURVEY</b> (organization running log)	<b>CLAY</b>	<b>1360</b>	<b>1380</b>
(8) how well bottom plugged <b>BACK WASH VALVE</b>			
DRILLERS REMARKS:			

DEPT. OF NATURAL RESOURCES  
 BUREAU OF LAND & WATER RESOURCES

OCT 28 1980

**RECEIVED**

(X)

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin / Phillips DATE: 7/1/96

UNIT DEQ #: \_\_\_\_\_ FILE #: B070117B

HEALTH DEPT. #: 610012-02 ELEV. @ 430'

USGS #: G0042 OLWR #: GW01916

OWNER: Langford W.A. QUAD: Brandon

LOCATION: SW/SW S 23 T 6N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: At water tower in Le Bourgeois  
Estates off on Napoleon Dr. (off 471)

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine / 50 HP

GPS FIELD LOCATION: LAT. 32° 20' 37.5" N LONG. 89° 58' 00.9" W

GPS CORRECTED LOCATION: LAT. 32.34337670 LONG. 89.96709277

REMARKS: Measured 60' south of well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

219

220

221

57' 30"

222

223

