

6/78 WTO

6W02897  
0610013-03

7/31/96

Recorded by WTO  
Date 7/3/79

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

TRANSMITTED FOR ADP  
6/81

Well No. J46  
E-Log No. 491  
County Rankin  
Pelahatchie Quad

Site ID 322209089465401 R=0\* T=A\* 2=W\*

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=121\*

Lat. \_\_\_\_\_ Long. 9=322209\* 10=0894654\* Well No. 12=J046\*

Location 13=SW SW S 10 T 06 N R 05 E\* Alt. 16=480\* 494

Hyd. Unit (OWDC) 20= Date 21=0612711979\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=1303\* Well depth 28=1115\*

WL 30=298\* Date 31=0912011979\* Source 33=D\*

Status 273= Project No. 5=

R=158\* T=A\* Date 159#0912011979\* Owner No. T.N.#1

Owner 16#LEESBURG WA\*

GEN. SITE DATA

OWNER

FIELD CW

CONSTR.

CASING

OPENINGS

FIELD

R=192\* T=A\* Date 193# Temp. 196#00010\* 197-  
R=192\* T=A\* Date 193# Cond. 196#00095\* 197-  
R=192\* T=A\* Date 193# pH 196#00400\* 197-

R=58\* T=A\* 59#1\* Date 60=0912011979\* Remarks  
Drlg. 63=064\* Name Layne Method 65=H\* Finish 66=5\*

R=76\* T=A\* 59#1\*  
Top csng. 77#0\* Bot. csng. 78=1055\* Diam. 79#10\*  
R=76\* T=A\* 59#1\*  
Top csng. 77#995\* Bot. csng. 78=1055\* Diam. 79#6\*

R=82\* T=A\* 59#1\* Top 83#1055\* Bottom 84=1115\*  
Type 85=S\* Diam. 87=6\* Size 88=  
R=82\* T=A\* 59#1\* Top 83# Bottom 84=  
Type 85= Diam. 87= Size 88=

SPRT

R=146\* T=A\* 147#1\* Q 150=3000\* Q/S 272=

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

Date 38= 09/20/1979\* H.P. 46= 60.\*

LIFT

R=198\* T= A \* Log 199# E \* Top 200= 23.\* Bot 201= 130.0.\*

R=198\* T= A \* Log 199# D \* Top 200= 0.\* Bot 201= 130.3.\*

LOGS

R=189\* T= A \* E Log No. 190# 49.1 \* 191= M I S S D I S T \*

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

ANAL.

R=90\* T= A \* 256# 1 \* Top 91= 1010.\* Bot 92= 1120.\*

Unit ID 93= 124 SPRT \* Name of Unit

AQUIFERS

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

Unit ID 93= \* Name of Unit

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>

109= \* Storage coeff. Boundaries

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

Level Data Collection (1)

| description of formations encountered | from  | to    |
|---------------------------------------|-------|-------|
| Red Clay                              | 0'    | 8'    |
| Sand + yellow clay                    | 8'    | 30'   |
| Blue Clay                             | 30'   | 92'   |
| Rock                                  | 92'   | 93'   |
| Clay                                  | 93'   | 302'  |
| Clay + sand streak                    | 302'  | 374'  |
| Sand shale                            | 374'  | 419'  |
| Hard shale + rock streak              | 419'  | 425'  |
| Sandy shale                           | 425'  | 454'  |
| Shale                                 | 454'  | 571'  |
| Shale + sand streak                   | 571'  | 643'  |
| Sandy shale                           | 643'  | 668'  |
| Hard shale                            | 668'  | 776'  |
| Rock                                  | 776'  | 778'  |
| Shale                                 | 778'  | 788'  |
| Rock                                  | 788'  | 789'  |
| Hard shale                            | 789'  | 800'  |
| Rock                                  | 800'  | 801'  |
| Shale                                 | 801'  | 853'  |
| Sand + shale streak                   | 853'  | 994'  |
| Clay                                  | 994'  | 1010' |
| Sand + shale streak                   | 1010' | 1130' |
| Sandy shale                           | 1130' | 1178' |
| no n n n                              |       |       |

Rankin  
J46  
9-20-79  
Flag # 491

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

WATER WELL DRILLERS LOG CODE

9-20 1979 Dayne-Central Company Rankin  
date well completed firm name county well located

LANDOWNER:  
Leesburg Water Assoc.  
Leesburg, Mississippi  
(mailing address)

WELL LOCATION:  
sec. 10 T. 6 N R. 5 E  
4 miles N of Pelatah  
(distance) (direction) (nearest town)

WELL PURPOSE: Domestic  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:  
(1) diameter (inches) 10"  
(2) total depth (feet) 1116'  
(3) static water level (feet) 298' below above-  
top of ground.  
(4) casing Steel 1055'  
(material) (depth)  
10" If telescope see back 1059'  
(size) 5'9" 8" or 6"  
(5) screen 51' 999'  
(length) (depth to top)  
6" Stainless Steel  
(size) (material)  
(6) pump 60 300 GPM  
(HP) (yield gpm)  
Electric  
(type power)  
(7) electric log yes  
(yes or no)  
Miss. Geological Survey  
(organization running log)  
(8) how well bottom plugged valve

| description of formations encountered | from   | to     |
|---------------------------------------|--------|--------|
| Red Clay                              | 0'     | 81'    |
| Sand + Yellow Clay                    | 81'    | 301'   |
| Blue Clay                             | 301'   | 921'   |
| Rock                                  | 921'   | 931'   |
| Clay                                  | 931'   | 3021'  |
| Clay + sand streak                    | 3021'  | 3741'  |
| Sand shale                            | 3741'  | 4191'  |
| Hard shale + hard sticks              | 4191'  | 4251'  |
| Sandy shale                           | 4251'  | 4541'  |
| Shale                                 | 4541'  | 5711'  |
| Shale + sand sticks                   | 5711'  | 6431'  |
| Sandy shale                           | 6431'  | 6681'  |
| Hard shale                            | 6681'  | 7761'  |
| Rock                                  | 7761'  | 7781'  |
| Shale                                 | 7781'  | 7881'  |
| Rock                                  | 7881'  | 7891'  |
| Hard shale                            | 7891'  | 8001'  |
| Rock                                  | 8001'  | 8011'  |
| Shale                                 | 8011'  | 8531'  |
| Sand + shale sticks                   | 8531'  | 9941'  |
| Clay                                  | 9941'  | 10101' |
| Sand + shale sticks                   | 10101' | 11301' |
| Sandy shale                           | 11301' | 11781' |
| Hard shale                            | 11781' | 12301' |
| Hard stone                            | 12301' | 12441' |
| Shale                                 | 12441' | 13031' |

1116  
57  
1059  
1055  
1059  
60  
15  
90

DEPT. OF NATURAL RESOURCES  
BUREAU OF LAND & WATER RESOURCES

MAY 13 1981

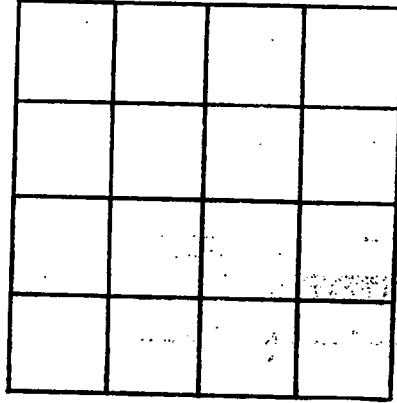
RECEIVED

DRILLERS REMARKS:

⊕

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for additional information, consisting of approximately 20 horizontal lines.

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: 7/31/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A073116C

HEALTH DEPT. #: 610013-03 ELEV. 494'

USGS #: J46 OLWR #: GW02897

OWNER: Leesburg W.A. QUAD: Pelanatchie

LOCATION: SW/SW S10 T6N R5E COUNTY: Rankin

LOCATION DESCRIPTION: On west side of Leesburg Rd. 0.3  
mile south of intersection of Barefoot Springs Rd

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/60 HP

GPS FIELD LOCATION: LAT. 32° 22.047' N LONG. 89° 46.838' W

GPS CORRECTED LOCATION: LAT. 32.36770321 LONG. 89.78036319

REMARKS: Measured 65' east of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Get quad!  
0.75 miles north of Mineral Springs Rd.

MISSISSIPPI-RANKIN  
7.5 MINUTE SERIES (TOP)

236

237

47° 30"

238

239

240

