

1/81 WTO

Recorded by WTO

Date 11/5/84

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

TRANSMITTED FOR ADP  
5/8

GW03430  
0450007-03

Well No. 046  
E-Log No. 284  
County Madison

Site ID 323802089541501 R=0\* T=A\* 2=W\* Sharon Quad

GEN. SITE DATA

Data reliab. 3=U\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=089\*  
Lat. Long./ 9=323802\* 10=0895415\* Well No. 12=0046\*  
Location <sup>NW</sup> 13=NESE S 0.8 T 0.9 N R 0.4 E\* Alt. 16=365\*  
Hyd. Unit (OWDC) 20= Date 21=10/25/1984\*  
Well use 23=W\* Water Use 24=P\* Hole depth 27=1720\* Well depth 28=1551\*  
WL 30=98\* Date <sup>WA</sup> 31=01/14/1985\* Source 33=D\*  
Status 273= Project No. 5=

OWNER

R=158\* T=A\* Date 159# 01/14/1985\* Owner No.  
Owner 161# E. MADISON, W. A.

MUW

FIELD QW

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=

CONSTR.

R=58\* T=A\* 59#1\* Date 60=01/14/1985\* Remarks  
Drig. 63=455\* Name Herndon Well Method 65=H\* Finish 66=5\*

CASING

R=76\* T=A\* 59#1\*  
Top csgn. 77# 0.1\* Bot. csgn. 78=1476.0\* Diam. 79# 12.0\*  
R=76\* T=A\* 59#1\*  
Top csgn 77# 1440.0\* Bot. csgn. 78=1480.0\* Diam. 79# 16.0\*

OPENINGS

R=82\* T=A\* 59#1\* Top 83# 1480.0\* Bottom 84=1551.0\*  
Type 85=S\* Diam. 87=6.0\* Size 88=  
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=4.05\* Q/S 272=

134 flows 146 pumped

LIFT

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

Date 38= 01/14/1985\* H.P. 46= 40.\*

LOGS

R=198\* T= A \* Log 199# E\* Top 200= 40.\* Bot 201= 1709.\*

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 1720.\*

R=189\* T= A \* E Log No. 190# 284\* 191= M I S S D I S T \*

ANAL.

R=114\* T= A \* Year 115# \* 117= \* 120= \*

AQUIFERS

R=90\* T= A \* 256# 1 \* Top 91= 1480.\* Bot 92= 1550.\*

Unit ID 93= 124 M, U, W, X \* Name of Unit

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

Unit ID 93= \* Name of Unit

HYDRAULICS

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

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

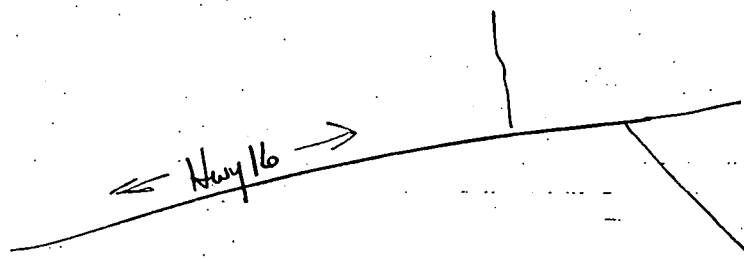
107= \* Transmissivity (gal/d)/ft

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

110= \* Storage coeff. Boundaries

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

Water Level Data Collection (1)



Sand/Clay	0	31
White Clay	31	59
Sand	59	145
White Clay/Sand	145	176
Sand	176	207
White Clay/Sand	207	270
Brown Sand/Lignite	270	363
Lignite/Brown Clay	363	457
Brown Clay/Shell/Bn. Clay	457	488
Sh. Brown Clay	488	519
...	...	...

Handwritten mark resembling a stylized 'C' or 'G' with a small circle above it.

46  
 0216 E106#299  
 MADISON  
 1-14-85

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
 Bureau of Land and Water Resources  
 Southport Mall  
 P.O. Box 10631  
 Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

**CODED**

1-14-85 date well completed  
 Henderson Well Supply, Inc. firm name  
 Madison county well located  
 Pearl, Mississippi

LANDOWNER: East Madison  
 Carter Ann.  
 Canton, MS. 39046  
 (mailing address)

WELL LOCATION:  
 sec. 8 T. 9 N. R. 4 E  
 (distance) miles of (direction) (nearest town)

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

WELL COMPLETION DATA:

- (1) diameter (inches) 12
- (2) total depth (feet) 1551
- (3) static water level (feet) 98 below top of ground
- (4) casing Steel 1476 (material) (depth) (size) If telescope see back.
- (5) screen 70' 1480' (length) (depth to top) 6" SS (size) (material)
- (6) pump 40 405 (HP) (yield gpm) Electric (type power)
- (7) electric log Yes (yds or no) Henderson Well Supply, Inc. (organization running log)

description of formations encountered	from	to
Sand/Clay	31	31
White Clay	31	59
Sand	59	145
White Clay/Sand	145	176
Sand	176	207
White Clay/Sand	207	270
Brown Sand/Lignite	270	363
Lignite/Brown Clay	363	457
Br. Clay/Shell/Br. Clay	457	488
Bl. Brown Clay	488	519
Brown Clay	519	550
Bl. Br. Part/Br. Clay	550	580
Br. Clay/Lignite/Sand	580	611
Sand	611	642
Sand/Lignite	642	673
Clay/Sand	673	703
Br. Clay/Sand	703	734
Br. Shale/Sand	734	765
Sand/Bl. Br. Shale	765	795
Sand/Lignite	795	826
Sand/Clay	826	857
Br. Clay/Sand	857	888
Sand/Clay	888	950
Bl. Br. Shale	950	1006
Br. Clay	1006	1105
Br. Clay/Sand Stone	1105	1135
Bl. Br. Shale	1135	1166
Bl. Br. Shale/Brown Clay	1166	1229
Brown Clay/Sand	1229	1360
Brown Clay Silt	1360	1384
Br. Clay Silt/Sand	1384	1470
Sand	1470	1480
Clay	1480	1550
Sand	1550	1580
Clay/Sand	1580	1610
Sand	1610	1643
Clay Silt	1643	1693
Clay Silt/Sand	1693	1720

DRILLER'S REMARKS:

APR 8 - 1985



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Jennings DATE: 1/20/98

UNIT DEQ #: \_\_\_\_\_ FILE #: B012018A

HEALTH DEPT. #: 450007-03 ELEV. 367

USGS #: 0-46 OLWR #: GW03430

OWNER: E. Madison W.A. QUAD: Sharon

LOCATION: NW/NE/SE S 8 T 9N R 4E COUNTY: Madison

LOCATION DESCRIPTION: At water tower on Ratliff  
Ferry Rd

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine 40 HP

GPS FIELD LOCATION: LAT. 32°38'06.6" LONG. 89°54'19.0"

GPS CORRECTED LOCATION: LAT. 32.635127 LONG. 89.905010

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



5 MI.  
1:35 MI.

224 (SHOCOE)  
3049 III SW

SCALE 1:24 000

Primary hig