

45? GW13961
047007-04 210

TRANSMITTED FOR ADP

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Recorded by WTD
Date 7/7/86
Agency USGS

Well No. 047
E-Log No. 351
County Madison
E Madison W.A.

WELL RECORD

GEN SITE DATA

Site Id 323937089560301 R=0* T=A* 2=W* Data reliab. 3=U* Sharon Quad

Dist. 6=28* State 7=28* Co. 8=089* Lat. Long./ 9=323937* 10=0895603*

Well NO. 12=047* Location NW 13=NWNW S 06 T 09 N R 04 E * Alt. 16=368*
Hyd. Unit (OWDC) 20=08060202* Date 21=1986106112* (YYYYMMDD) 17=M*

Agency Use 803=0* Well Use 23=W* Water Use 24=P* Hole depth 27=1710* Well depth 28=1574*
WA

WL 30=1110* Date 31=1986107122* Source 33=D*

Project No. 5=

LIFT

R=42* T=A* 254#1* Date 38=1986107122* Lift Type 43=T* Intake 44=

Power Type 45=E* H.P. 46=60*

CONSTR.

R=58* T=A* 723#1* Date 60=1986107122* Drlg 63=064* Name Layne

Method 65=H* Finish 66=G* Remarks

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# 0* Bot. csng 78=1520* Diam. 79# 12*

R=76* T=A* 725#2* 59#1* Top csng 77# 1434* Bot. csng 78=1520* Diam. 79# 8*

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 1520* Bottom 84=1574* Type 85=S*

Diam. 87# 8* Size 88=

R=82* T=A* 726#2* 59#1* Top 83# Bottom 84= Type 85=

87= 88=

AQUIFERS

R=90* T=A* 721#1* Top 91=1520* Bot 92=1575* Unit Id 93=124muvwx*

R=90* T=A* 721#2* Top 91= Bot 92= Unit Id 93=

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)/ft² 110= Storage coeff. Boundaries

ANAL. R=114* T=A* 706= | | | | * Year 115# | | | | | * 117= | | | | * 120= | | | *

R=121* T=A* Yr Begin 115# | | | | | * Network 257# | | | *

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= | 1 | 9 | 8 | 6 | 1 | 0 | 7 | 1 | 2 | 2 | * Q 150= | | | | | H | 0 | 0 | . | | *
Q/S 272= | | | | | . | | | *

OWNER R=158* T=A* 718#1* Date 159# | 1 | 9 | 8 | 6 | 1 | 0 | 7 | 1 | 2 | 2 | * Owner No. Sharon site @ Elw. Tr.
Owner 161# | E | M | A | D | I | S | I | O | N | I | W | A | | | | | | | * : : :

OTHER ID R=189* T=A* 736#1* E-Log No. 190# 351 * 191= M I S S I D I S T *

FIELD QW R=192* T=A* 738#1* Date 193# | | | | | / | | | | | / | | | | | * Temp 196#00010* 197= | | | | | . | | | | *
R=192* T=A* 738#2* Date 193# | | | | | / | | | | | / | | | | | * Cond 196#00095* 197= | | | | | . | | | | *
R=192* T=A* 738#3* Date 193# | | | | | / | | | | | / | | | | | * pH 196#00400* 197= | | | | | . | | | | *

LOGS R=198* T=A* 739#1* Log 199# | E | * Top 200= | | | | | 2 | 0 | . | | * Bot 201= | | 7 | | 1 | 0 | . | | *
R=198* T=A* 739#2* 199# | D | * 200= | | | | | 0 | . | | * 201= | | 7 | | 1 | 0 | . | | *

Remarks: R=183# 311= | | | | | / | | | | | / | | | | | *

184:
6x4" test well
pit = 8.5
Color = 30
Fe = .15
WL = 116' GYDD = 96 g/m

description of formations encountered	from	to
Yellow Clay	5'	5'
Hard Red Clay	5'	25'
Sand	25'	40'
Yellow Sandy Clay	40'	90'
Blue clay	90'	95'
White Clay & Sand	95'	235'
Sand	235'	280'

MADISON
 Φ 47
 7-22-86

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

7-22-86 date well completed 19 Layne-Central Co. firm name Madison county well located

LANDOWNER: East Madison Water Assoc. Canton MS
(Sharon, MS)
 (mailing address)

WELL LOCATION:
 N $\frac{1}{4}$ of, NW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SE $\frac{1}{4}$ of
 sec. 16 T 9 N R. 8 E S 5
 miles of Sharon
 (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 12"
 - (2) total depth (feet) 1580'
 - (3) static water level (feet) 110' below top of ground.
 - (4) casing Stainless Steel 1520'
 (material) (depth)
12" if telescope see back.
 (size) 86" of 8"
 - (5) screen 50' 1520'
 (length) (depth to top)
8" Stainless Steel
 (size) (material)
 - (6) pump 60 400
 (HP) (yield gpm)
Electric
 (type power)
 - (7) electric log Yes
 (yes or no)
Layne-Central
 (organization running log)
 - (8) how well bottom plugged BPV

description of formations encountered	from	to
Yellow Clay	5'	5'
Hard Red Clay	5'	25'
Sand	25'	40'
Yellow Sandy Clay	40'	90'
Blue clay	90'	95'
White Clay & Sand	95'	235'
Sand	235'	280'
White Clay & Sand	280'	328'
Sand	328'	363'
Clay	363'	485'
Hard Clay	485'	505'
Fine Clay	505'	518'
Sandy Clay	518'	632'
Sand	632'	723'
Sandy Clay	723'	738'
Sand	738'	916'
Clay & Fine Sand Slabs	916'	945'
Fine Sand	945'	992'
Hard Clay & Lime Slabs	992'	1186'
Rock	1186'	1188'
Hard Clay & Fine Sand Slabs	1188'	1410'
Rock	1410'	1414'
Sandy Clay	1414'	1420'
Sand	1420'	1522'
Clay	1522'	1527'
Sand	1527'	1585'
Sand & Hard Shale Slabs	1585'	1625'
Fine Sand & Shale	1625'	1658'
Sand	1658'	1683'
Shale & Sand Slabs	1683'	1710'

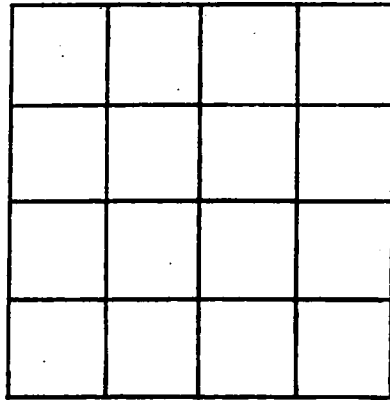
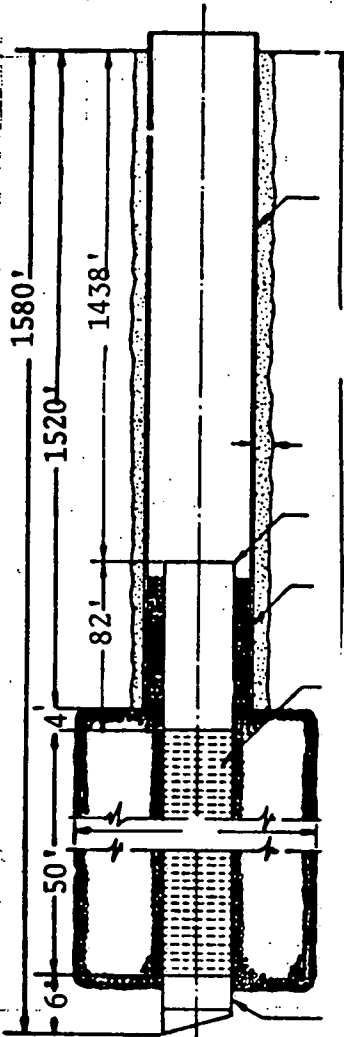
RECEIVED

OCT 21 1986

DRILLERS REMARKS:

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

A series of horizontal lines for providing 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): AD DATE: 9-14-94

UNIT DEQ #: 84090 FILE #: 80914/18B

HEALTH DEPT. #: 450007-04 ELEV. 350

USGS #: 0-47 OLWR #: GW13961

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

LOCATION: NW/NW S 6 T 9N R. 4E COUNTY: MADISON

LOCATION DESCRIPTION: Well located in lg. lined area, NW of elevated tank, NE of white treatment house

CASING DIA: _____ PUMP TYPE & SIZE: Turbine 1

GPS FIELD LOCATION: LAT. 32.39.667 N LONG. 89.55.962 W

GPS CORRECTED LOCATION: LAT. 32.66695266 LONG. 89.93297959

REMARKS: 5.5 mi. to gravel drive next to Forestry Tower
4. turn go up drive to ^{Elev.} water tank.
GPS outside of gate on top of Van.

1:39 pm

1:45 pm

