

6/77 WTO

TRANSMITTED FOR ADP

Recorded by WTO  
Date 3/13/78

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

Well No. 5141  
E-Log No. 136  
County Pike  
McComb South

Site ID 310832090282801 R=0\* T=A\* 2=W\*  
19

Data reliab. 3=C Report. agency 4=USGS Dist. 16 6=28\* 7=28\* Co. 8=113

Lat. Long. 9=310832 10=0902828 Well No. 12=5141

Location 13=SESE 14=TOZNR07E Alt. 16=360 362

Hyd. Unit (OWDC) 20= Date 21=02/08/1978

Well Use 23=W Water Use 24=P Hole depth 27=1711 Well depth 28=506

114 4.60 30=5.2 Date 31=05/30/1978 Source 33=D 360  
60  
300

Status 273= Project No. 5=

M R = top of hole taking sample at 1.4' below pump house floor 1/2"  
R=158\* T=A\* Date 159#05/30/1978 Owner No. T.H.#1 for Well #3

Owner 161=MAGNOLIA MU MOCN

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#05/30/1978\* Remarks  
Drig. 63#064\* Name Layne Central Method 65#H\* Finish 66#S\*

CASING

R=76\* T=A\* 59#1\* Top csng. 77#0\* Bot. csng. 78#402\* Diam. 79#20\*  
R=76\* T=A\* 59#1\* Top csng. 77#345\* Bot. csng. 78#405\* Diam. 79#12\*

OPENINGS

R=82\* T=A\* 59#1\* Top 83#405\* Bottom 84#506\*  
Type 85#S\* Diam. 87#12\* 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#1800\* Q/S 272#\*  
134 flows 146 pumped

LIFT

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

Date 38= 05/30/1978 \* H.P. 46= 125. \*

LOGS

R=198\* T= A \* Log 199# D \* Top 200= 0. \* Bot 201= 170.4. \*

R=198\* T= A \* Log 199# E \* Top 200= 167. \* Bot 201= 171.1. \*

R=189\* T= A \* E Log No. 190# 136. \* 191= M I S S D I S T \*

ANAL.

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

AQUIFERS

R=90\* T= A \* 236# 1 \* Top 91= 400. \* Bot 92= 505. \*

Unit ID 93= 122MΦCN \* 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# \*

Water Level Data Collection (1)

description of formations encountered	from	to
Topsoil	0	4
Red Sandy Clay	4	12
Sand + Clay gravel	12	57
Clay	57	70
Clay + gravel	70	144
Clay	144	208
Sandy Clay	208	244
Sand + Clay + Gravel	244	359
Clay + Sand + Gravel	359	400
Sand + Gravel	400	515
Clay	515	547
Sandy Clay	547	578
Sandy Clay	578	623
Shell + Sand + Gravel	623	745
Sandy Shell	745	817
Shell	817	977
Shell + Sand + Gravel	977	1090
Sand + Gravel	1090	1112
Sandy Shell	1112	1250
Shell	1250	1314
Sandy Shell	1314	1350
Shell	1350	1375
Sandy Shell	1375	1495
Shell + Sand + Gravel	1495	1526
Shell + Sand + Gravel	1526	1581
Sand + Gravel	1581	1616
Sand	1616	1651
Shell	1651	1704

6W02493  
 PIKE  
 G 141  
 5-30-79  
 E log #136  
 5-30  
 date well completed

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

CODED

WATER WELL DRILLERS LOG

1978 Levee Central Co. Pike  
 firm name county well located

LANDOWNER: City of Magnolia  
Magnolia, Miss.  
 (mailing address)

WELL LOCATION:  
 sec. 14 T. 2 N R. 7 E  
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 20"  
 (2) total depth (feet) 513'  
 (3) static water level (feet) 52' below top of ground.  
 (4) casing Steel, 402'  
 (material) (depth)  
20" If telescope see back.  
 (size) 60' x 12"  
 (5) screen 101', 405'  
 (length) (depth to top)  
12", S.S. W.I.N  
 (size) (material)  
 (6) pump 125 1800  
 (HP) (yield gpm)  
Electric  
 (type power)  
 (7) electric log yes  
 (yes or no)  
Miss. Geo. Survey  
 (organization running log)  
 (8) how well bottom plugged Value

description of formations encountered	from	to
Top Soil	0	4
Red Sandy Clay	4	12
Sand + Clay gravel	12	57
Clay	57	70
Clay + gravel	70	144
Clay	144	208
Sandy Clay	208	244
Sand + Clay streaks	244	359
Clay + Sand streaks	359	400
Sand + Gravel	400	515
Clay	515	547
Sandy Clay	547	578
Sandy Clay	578	623
Shale + Sand streaks	623	745
Sandy Shale	745	817
Shale	817	977
Shale + Sand streaks	977	1090
Hard Shale	1090	1112
Sandy Shale	1112	1250
Sand	1250	1314
Sandy Shale	1314	1350
Shale	1350	1375
Sandy Shale	1375	1495
Hard Shale	1495	1526
Shale + Sand streaks	1526	1581
Sand + Hard Shale	1581	1616
Sand	1616	1651
Shale	1651	1704

Miss. Board of Water Comm.

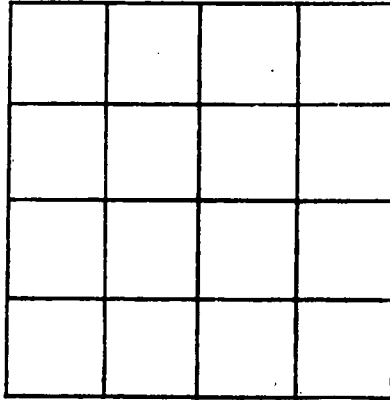
AUG 6 1979

RECEIVED

DRILLERS REMARKS:

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

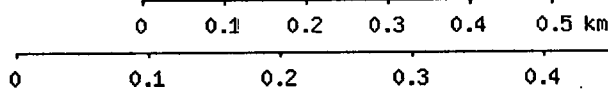
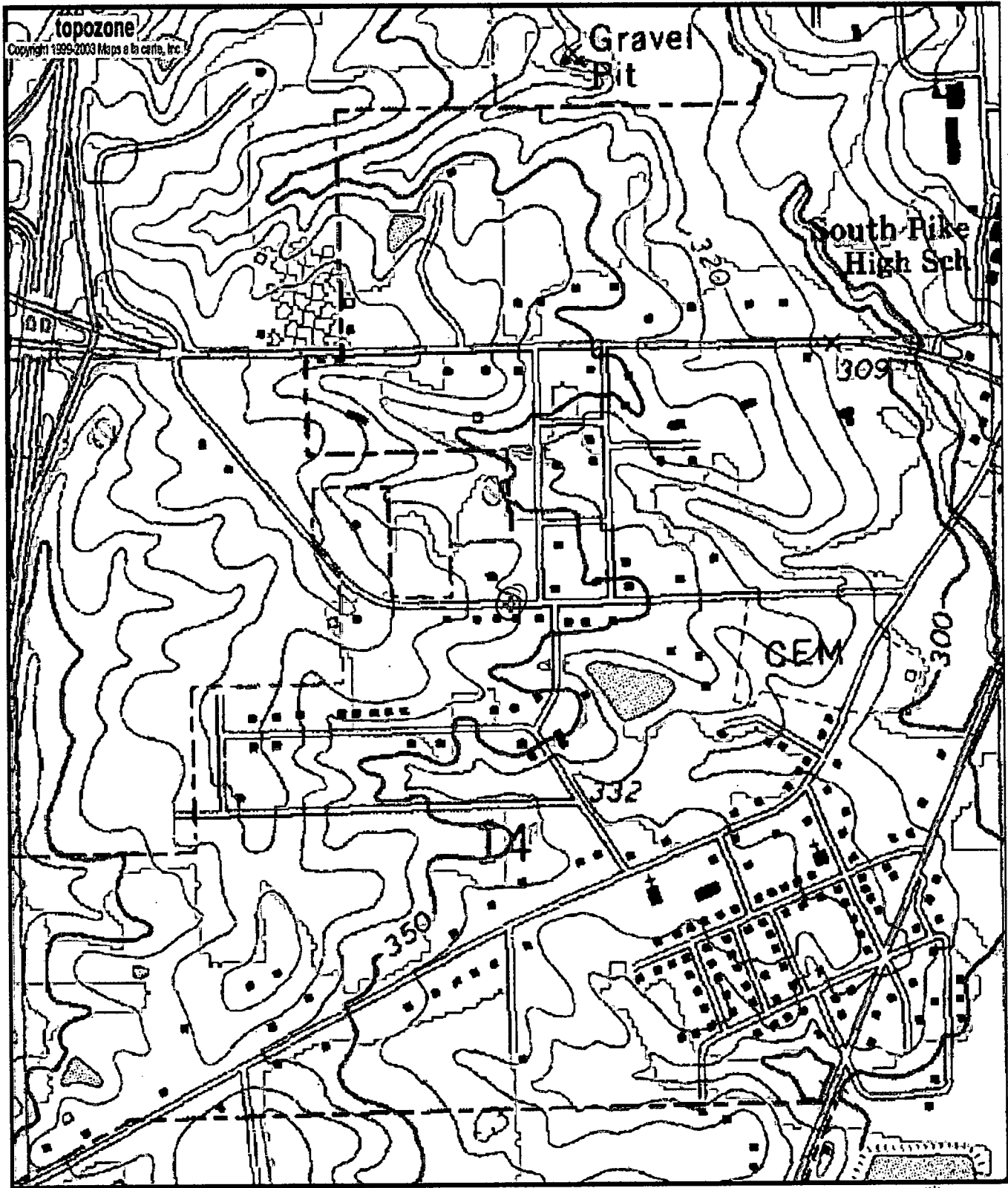
If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop + CA Hornbeak DATE: 6-19-96  
UNIT DEQ #: 82859 FILE #: B061921A  
HEALTH DEPT. #: 570005-03 ELEV. \_\_\_\_\_  
USGS #: 6141 OLWR #: GW02493  
OWNER: CITY of Magnolia QUAD: McComb 5.  
LOCATION: NE - NW S 14 T 2N R 7E COUNTY: Pike  
LOCATION DESCRIPTION: NW Corner of Intersection of Weathersby St.  
+ Regan St. at Elev. Tank 1/2 Mile South of Hwy 48  
CASING DIA: 12" PUMP TYPE & SIZE: 125 HP Elec.  
GPS FIELD LOCATION: LAT. 31° 08' 36.3" LONG. 90° 28' 23.5"  
GPS CORRECTED LOCATION: LAT. 31.14213733 LONG. 90.47169852  
REMARKS: GPS at Well.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



G41  
 GW02493  
 0570005-03



Map center is 31° 08' 32"N, 90° 28' 18"W (WGS84/NAD83)  
 McComb South quadrangle - TopoZone Pro elevation display  
 Projection is UTM Zone 15 NAD83 Datum

M=0.868  
 G=1.308