

Recorded by WTO U.S. GEOLOGICAL SURVEY Well No. K13
Date 11/29/76 WATER RESOURCES DIVISION E-Log No. 56
MISSISSIPPI DISTRICT County CALHOUN
WELL RECORD

Site ID 335204089185501 R-0* T-A* 2-W*

Date relab. 3-C Report agency WUSGS DIST 28 7-28 Co. 8-013

Lat 9-335204 Long 10-0891858 Well No. K013

Location 13-SW SW 12-23N 09E 16-280 895 (10/89)

Hyd. Unit (OWDC) 20 Date 21-09/29/1976
Well use 23-W Water use 24-P Hole depth 27-2020 Well depth 28-2010

WL 30-85 Date 31-12/10/1976 Source 33-

Status 273 =

OWNER R-158* T-A* Date 159# 12/10/1976 Owner No. Well #3
Owner 161-CALHOUN CITY

FIELD OF 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 60-12/10/1976 Remarks
Drig. 63-0.64 Name Layne Cleveland Method 65-H* Finish 66-S*

CASING R-76* T-A* 59# 1*
Top csgn. 77# 0.0 Bot. csgn. 78-1940.0 Dian. 79# 12.0
R-76* T-A* 59# 1*
Top csgn. 77# 1900.0 Bot. csgn. 78-1966.0 Dian. 79# 8.0

OPENINGS R-82* T-A* 59# 1* Top 83# 1948.0 Bottom 84-1887.0
Type 85-S Dian. 87-8.0 Size 88-.012
R-82* T-A* 59# 1* Top 83# Bottom 84-
Type 85- Dian. 87- Size 88-

YIELD R-146* T-A* 147# 1* 150-500.0 Q/S 272-
134 flows 146 pumped

DATA CALHOUN CITY 1120

283 12/96

LIFT

R-42* T-A* Lift type 43* T* Intake 44* Power type 45* E*

Date 38-12-16/1976 6.0

LOSS

R-198* T-A* Log 199* D* Top 200* Bot 201-2020*

R-199* T-A* Log 199* E* Top 200* Bot 201-2018*

R-189* T-A* Log No. 199* 056*

ANAL.

R-114* T-A* Year 115* Type 120*

AQUIFERS

R-90* T-A* 256* 1* Top 91-1935* Bot 92-2010*

Unit ID 93-211GORD* 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*

103-1*

R-105* T-A* 99* 1* Test No. 106*

107- Transmissivity (gal/d)/ft

108- Hydraul. cond. (gal/d)/ft²

110- Storage coeff. Boundaries 1987

WL = 100

12-2-82

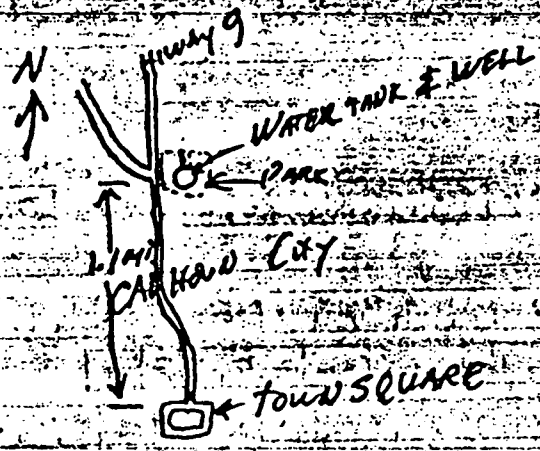
WL = 94.6

1940

M.P. 2.8

MP: vent pipe hole in pump base @ 3

11/6/90
DH/JE
120.00
6.7
113.30
-2.8
110.50



CALHOUN
K13
12-10-76
Lic # 56

00683

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

CODED

WATER WELL DRILLERS LOG

Dec. 10, 1976 Layne Central Company Calhoun
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Town of Calhoun City	Red Sandy Clay	0	13
Calhoun City, MS	Gray Clay	13	29
(mailing address)	Gray Sandy Clay	29	80
WELL LOCATION:	Gray Clay	80	345
sec. 12 T 23 N R 9 E	Shale	345	528
located in north part city	Hard Clay	528	544
(distance) miles (direction) of (nearest town)	Clay	544	617
WELL PURPOSE: Municipal	Rock	617	618
(home, irrigation, municipal, industrial)	Clay	618	619
WELL COMPLETION DATA:	Rock	619	620
(1) diameter (inches) 12"	Limestone	620	1324
(2) total depth (feet) 1987'	Sand Rock	1324	1330
(3) static water level (feet) 85' below X above top of ground.	Clay	1330	1375
(4) casing Steel, 1940' (material) (depth)	Hard Clay	1375	1381
12" (size) If telescope see back.	Shale	1381	1436
(5) screen 44' (length) 1969 (depth to top)	Sandy Shale	1436	1497
8" (size) Steel (material)	Shale	1497	1526
(6) pump 60 (HP) 500 GPM (yield gpm)	Sandy Shale	1526	1550
Electric (type power)	Clay	1550	1616
(7) electric log Yes (yes or no)	Shale & Strks of Sand	1616	1681
MS Geological Survey (organization running log)	Shale, Sand, & Strks. of Rock	1681	1709
(8) how well bottom plugged, Back Pressure Valve	Sand & Shale	1709	1735
DRILLERS REMARKS:	Hard Shale	1735	1786
	Red Shale	1786	1830
	Sand & Small Gravel	1830	1853
	Shale	1853	1884
	Sand	1884	1923
	Shale	1923	1925
	Coarse Sand & Small Gravel	1925	2010
	Shale	2010	2016
	Sandy Shale	2016	2020

CODED

RECEIVED

JAN 20 1977

ATER COMM

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 12/4/96

UNIT DEQ #: _____ FILE #: A120415B

HEALTH DEPT. #: 07.0004-02 ELEV. 283'

USGS #: K13 OLWR #: GW683

OWNER: Calhoun City QUAD: Calhoun City

LOCATION: sw/sw S 12 T 23N R 9E COUNTY: Calhoun

LOCATION DESCRIPTION: At elevated tank at Industrial Park
off Hwy 9 North of square

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/60 HP

GPS FIELD LOCATION: LAT. 33°52.165' LONG. 89°18.852'

GPS CORRECTED LOCATION: LAT. 33.86919659 LONG. 89.31407364

REMARKS: measured 18' east of well

CALHOUN CITY MISSISSIPPI

LEGEND
WATER WELL — (W)



