

WRD Exp. (GW)
April 1966

GW14365
DOM #0070016-01
GPSd 12/4/96 PP/DH
Well No. E 10

WELL SCHEDULE

E Log # 39

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Dr. v. + E Log Date 2-28-68 Map West Point

State Mississippi County Calhoun

Latitude: 33° 59' 30" N Longitude: 089° 11' 37" W Sequential number: 1

Local well number: E 010 AD 33 12 50 1 E

Local use: 053039 Owner or name: POPULAR SPRINGS Address: 7 mi N of Vardaman

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Devater, Power, Fire, Dom, Irr, Med, Ind, P.S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type: MSBON 7/68 USGS 12/70

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: E Log Run I 30'-723 Run II

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

1987
WL-303
5/3/91
350.00
25.44
324.56
-1.50 mp (broken)
323.06
DH/JE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: TD 2002 ft 1960 Meas. accuracy 3

Depth cased; (first perf.): split ft 1795 Casing type: steel, split; Diam. 8x4 in 8

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel v. (screen), (H) horiz. gallery, (I) open end, (J) percuss., (K) perf., (L) screen, (M) ad. pt., (N) shored, (O) open hole, (P) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percuss., (H) reverse, (I) rotary, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 6-68 968 Pump intake setting: ft 260

Driller: T.M. Parks Drly Co, Houlka, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) multiple, (H) none, (I) piston, (J) rot, (K) submerg, (L) turb, (M) other S Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 25 Trans. or meter no. 41

Descrip. MP 495 (10/89) ft above below LSD, Alt. MP

Alt. LSD: 500+ 500 Accuracy: AMS M-2 5

Water Level: ft above below MP; Ft below LSD 300 Accuracy: D

Date meas: 468 Yield: gpm 165 Method determined 41

Drawdown: 41 ft Accuracy: @165gpm Pumping period: hrs 46

QUALITY OF WATER DATA: Iron 4 Sulfate 4 Chloride 4 Hard. 72

Sp. Conduct 900 K x 10⁶ 4 Temp. 29.5 F 29.5 Date sampled 12-2-70 D70

Taste, color, etc. Fe.33 So4.0 Cl 222. Hard 64

10/25/77
WL-302.00

Well No. E 10

MSBON 7/68

Well No. E10

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03

Drainage Basin: D Subbasin: 156

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp.
 (C) (E) (F) (R) (K) (L)
 (H) offshore, pediment, hillside, terrace, undulating, valley flat (V)

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group Gφ

Lithology: _____ Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: 160 ft Depth to top of: 1790 ft A79

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 1795-1895 and 1940-1960 = 120' of 4" ss screen

Depth to consolidated rock: _____ ft Source of data: _____

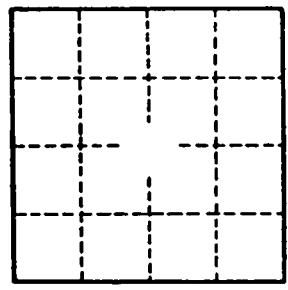
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

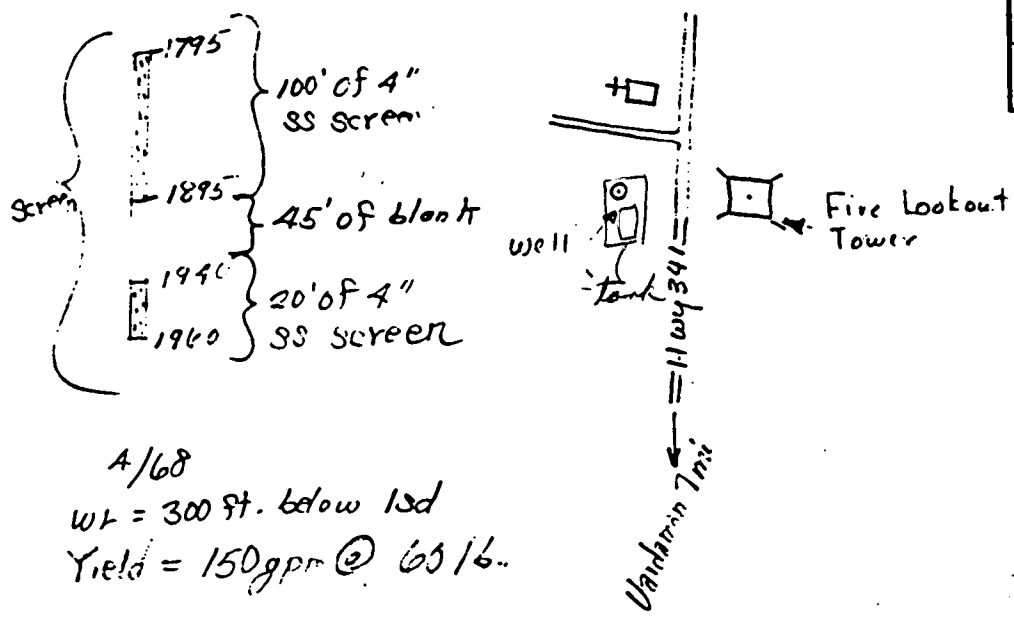
Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Pics of Assoc.
 J.W. YOSCHEE, Naulka, Miss 568-2834



(screened interval broken with blanks)



Well No. E10

A/68
 WT = 300 ft. below lsd
 Yield = 150 gpm @ 60 lb.

ELOG # 39

Calhoun
E10
6-6-68
GW D.
June 6 1968

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

WATER WELL DRILLERS

CODED

T.M. Parks

Calhoun

date well completed

firm name

county well located

LANDOWNER:	description of formations encountered	from	to
Poplar Springs Water Assn.	clay & sand stone	0	60
Vardaman, Miss (mailing address)	Blue clay streaks	60	1200
	Blue " sand	1200	1480
	Sandy shale	1480	1680
	Blue clay, sand, rock	1680	1780
	Sand, shale, rock	1780	1900
	Sand & rock	1900	2000
	Rock	2000	2002
WELL LOCATION: sec. 33 T. 28 N. R. 1 E 7 miles N of Vardaman (distance) (direction) (nearest town)			
WELL PURPOSE: (home, irrigation, <u>municipal</u> , industrial)	TD	2002	
WELL COMPLETION DATA: (1) diameter (inches) 8" (2) total depth (feet) 2008' (3) static water level (feet) 300' below top of ground. (4) casing (material) 748' (depth) 8" (size) if telescope see back. (5) screen 120' (length) (depth to top) 4" (size) (material) (6) pump (HP) (yield gpm) (type power) (7) electric log <u>yes</u> (yes or no) USGS (organization running log) (8) how well bottom plugged <u>Cemented</u>			
DRILLERS REMARKS:			

CODED

Rec'd
12/18/71

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: _____ FILE #: A120417c

HEALTH DEPT. #: 070016-01 ELEV. 495

USGS #: E10 OLWR #: BW14365

OWNER: Poplar Springs W.A QUAD: Vardaman

LOCATION: NE/SE S 33 T12S R 1E COUNTY: Calhoun

LOCATION DESCRIPTION: Corner of Hwy 34 & County Rd 111;
across from Poplar Springs Baptist Church

CASING DIA: _____ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 33° 59.554' N LONG. 89° 11.594' W

GPS CORRECTED LOCATION: LAT. 33.99268172 LONG. 89.19315771

REMARKS: Measured 12' west of well

295

12'30"

(ROBBS)

